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- FLAMEPRO® Fire Retardant Range
- FLAMEPRO® FP 1
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- FLAMEPRO® FP3
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- FLAMEPRO® FPO Class O Intumescent System

WATER BORNE

- AQUABUILD
- EUROBUILD
- Sirco Interior Water Based System
- Sirco Interior Water Based Clear System OWO 98g

FLOOR FINISHES

- PROFLOR Aqua
- PROFLOR Duo

WOOD STAIN

- Woodstain - Compliant
- Woodstain - Solvent Based
- Colour Chart

SPECIAL EFFECTS


Key to symbols used within this brochure

- Indicates Promatch® finish
- Indicates clear finish
- Indicates environmental friendliness 1-5
  (5 is totally environmentally friendly)
- Indicates film toughness properties 1-5
  (5 is extremely tough)
- Indicates products supplied in Aerosols
  (400ml with adjustable fan nozzle)
- Indicates child safe
  Product available tested to EN71
  non-toxic toy regulations
  (please specify when ordering)
**ISF - performance coatings**
By manufacturing only the highest performance coatings we can guarantee superb coverage and outstanding durability. The fully computerised Promatch® system can dispense over 50,000 formulations and achieves excellent colour accuracy time after time.

We are proud of our full ISO9001 : 2008 accreditation. We were the first company in the UK coating sector to achieve this rating. Our products are designed to comply with the latest government legislation on VOC emissions, many carrying accreditation to British Standard 6250 Severe Use and EN71 Non-Toxic regulations.

It is essential to recognise our responsibilities in relation to the environment. We are able to minimise adverse environmental impacts and pollution, and all our staff have undergone a full education and training programme in this respect.

**ISF - quality people**
At ISF, we fully recognise the importance of research and development. Our dedicated team of chemists, under the direction of our Technical Director, rigorously test and control formulations in the laboratory, whilst our technical support team is always on hand to give advice.

**ISF - fast deliveries**
Being based centrally in the UK we offer direct access to all the major distribution networks, thus affording our customers the speediest deliveries, supported by appointed distributors and local ISF Divisions.

"My objective is for ISF to become the preferred supplier of quality industrial coatings, and judging by the growing number of Blue Chip companies already specifying our products, we appear to be all set to realise our ambitions. Perhaps we could fulfill yours?"

AFS Bridgwood - Group Chairman
ISF Group Ltd recognises its responsibilities in relation to the environment and is fully committed to fulfilling objectives and monitoring its performance against them. The company will ensure compliance with existing environmental legislation and will take due account of pending legislation and industry practice. An environmental management system complying with ISO 14001 will enable ISF Group Limited to:

- Minimise adverse environmental impacts and pollution, and enhance positive impacts on the environment.
- Establish objectives to seek a continuous improvement of manufacturing methods & cost reduction.

The company’s operations, which are likely to have a significant impact on the environment, will be monitored, in particular:

- A constant review of processes and equipment will take place that will result in a reduction in adverse environmental impacts and energy consumption.
- The company will continue to develop working methods & products that are less harmful to the environment and will provide customers with full training to adopt these.
- Effective utilisation of all raw materials used in the manufacturing process will reduce consumption and minimise waste.
- All waste materials will be disposed of in a responsible manner embodying the ‘Duty of Care’ concept and in compliance with European legislation.
- All emissions to air, land and water will be monitored and controlled. A continual review will reduce any environmental impacts. Contingency plans will be established to cater for accidents.

This policy will be implemented at all levels within the ISF Group Ltd and communicated to the whole workforce, suppliers & customers to encourage their participation. A full education and training programme will be undertaken to ensure that all employees understand the objectives of the policy and the environmental impacts of their activities.

A.F.S. Bridgwood - Group Chairman

Our mission
We aim to be recognised by our customers as their No.1 preferred supplier of superior quality, reliable and cost-effective industrial coatings.
ISF Promatch – computerised colour matching to over 50,000 shades, including BS, RAL, Pantone, NCS, DCD. Metallics, Pearlescents, Sparkles & Polychromatics also available.

It guarantees quick accurate colour matching time after time after time.

Formulations are approved for quality control by spectrophotometer in the ISF colour laboratory to a tight DE tolerance (Colour Standard). The system gives the flexibility to mix product in 1Lt, 5Lt or 25 Lt containers.

- Data base of over 50,000 shades - including British Standard, RAL, DCD, Pantone and NCS is available on an EX STOCK basis.
- ISF Promatch® will minimise stock levels, and ensure just-in-time delivery. On-site training is given to all operatives. On-going assistance is provided by our Promatch® On Site Machine Technical Support Team & Promatch® Help Desk.
- ISF Promatch® gives you an up to the minute cost & usage audit report, allowing you to keep control of the colourants and bases that have been dispensed.

ISF Promatch® is available in options to suit you:
- Solvent based
- Water-borne
- Dye based concentrates [for woodstains]

‘Promatch On-site®’ – The way to the future.
Over a two-year period, we have invested heavily in this project. We truly believe that this is now our piece-de-resistance... giving our customers On-site colour whether it be in pigment or dye (woodstain) format. During an extensive period of market research we ask customers:

- How many production hours are lost waiting for a matched colour to be delivered?
- How many contracts are lost when prototype colours are not delivered on time?
- How often was 5 lt. ordered when only 2 lt. was required?
- What is the current value of un-usable colour match ‘stock’ in a company’s paint store?

More & more of our clients are realising that the only COST EFFECTIVE answer to all these questions is to install a Promatch On-site® machine. Already being used with great success at customers in the UK, we have machines running in most countries within the EEC and even as far a field as Thailand!

The benefits of this brilliant concept are now being recognised by all concerned. In addition to a reduction in the cost per litre of material, the customer has the benefit of over 50,000 shades being available on an EX-STOCK basis.

Any new shades are approved by our Colour Laboratory using a spectrophotometer to a tolerance of DE – the formulation is then sent by email or fax. This can then be stored on the end-user machine for future repeatable colour reproduction time after time after time...
Established in 1898, ISF Coatings is one of the UK’s premier coatings manufacturers. Today, the company is continuing to develop new solutions for its customers in the furniture and joinery marketplaces. The company’s latest undertaking is a joint venture with Italian coatings giant, Sirca, which will underscore the Leicester-based company’s commitment over the next few years.

Sirca was founded in 1973, becoming quickly one of the leading companies in wood coatings. Its whole production is based on resins manufactured directly in its plant, and used for several different products, like paints, adhesives, metal coatings, gelcoats and technological resins. Currently 250 persons work in the company. In Italy, Sirca sales network relies on more than 20 regional warehouses. Abroad, Sirca products are sold in more than fifty different foreign countries with a turnover of over €170 million.

The range of products offered by Sirca is wide, including everything that is required for protection and painting of surfaces made by wood and its derivatives.

Sirca R&D department have also developed new UV curing systems, like Dual-Cure technology, and UV water based clear and pigmented ones, to follow the direction of the market towards more eco-friendly products and processes.

Together with these innovations, the traditional coatings, which have made Italian furniture famous all over the world, continue to develop, from nitrocellulose materials up to water based ones. Polyurethane and acrylic coatings, clear or pigmented, cannot be forgotten, because they are still widely used all over the world, and recognised as high quality systems for indoor uses.

Sirca Product Range Includes:
- Polyurethanes – Clear & Pigmented
- High Gloss Polyurethanes
- Polyesters
- Acrylics
- Interior Water Based
- Exterior Water Based
- Euro Class B Fire Retardant
- Parquet Flooring
- Customisations
- UV coatings
- Dualcure Technology

Sirca is equipped with the newest technological solutions for industry, including the automatic and consistent checking of the progress of polymerisation reactions inside each of seven reactors used to prepare saturated and unsaturated polyester resins, polyurethane and acrylic ones.

This allows Sirca to study and develop new advanced or eco-friendly solutions and change the basic characteristics of a resin in order to give to the paint film new features, interesting for the market.

Chemists, engineers and experts of the field work every day together to ensure high quality products for industry of wood.

Sirca labs are equipped with advance techniques for analysis of raw materials and final checking of painting products – The laboratory itself is equipped with every type of finishing process including – Roller Coaters, UV, Flat Bed Lines, Curtain Coaters to enable us to replicate the line of the individual customer therefore saving valuable time when trialing.

Like ISF, Sirca also offers the quality certification of ISO 9001:2008 - it shows their efforts to provide to partners and customers with the most reliable processes and the highest quality products.

The partnership between ISF and Sirca is undoubtedly good news for all – for ISF there is access to a wider, high quality, product base, and for Sirca, there is immediate access to the UK market through probably the most established coatings manufacturer in the UK. Our customers will reap the best of both worlds.
| Wood Stains | 300 Range (Solvent) Light Fast Woodstain | 300 Range (Water) Light Fast Woodstain | 1K Products | Aquabuild System Clear | Aquabuild System Promatch | EUROBUILD System Clear | PC1 Clear Lacquer | PC1 Primer (pigmented) | PC1 Promatch | FLAMEPRO FP1 Clear System | FLAMEPRO FP1 Promatch | PC2 Melamine Clear Sealer | PC2 Melamine Clear Lacquer | PC2 Primer (pigmented) | PC2 Promatch | 2K Products | Sirco Interior WB System Clear | Sirco Interior WB System Promatch | AC1 Clear Sealer | AC1 Clear Lacquer | AC1 Primer (pigmented) | AC1 Promatch | AC2-Lo Clear Sealer | AC2-Lo Clear Lacquer | AC2-Lo Primer (pigmented) | AC2-Lo Promatch | AC4 Waxy Feel Clear System | AC4 Waxy Feel Promatch |
|-------------|-----------------------------------------|---------------------------------------|-------------|------------------------|--------------------------|--------------------------|---------------------|------------------------|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|---------------------|-------------|--------------------------|--------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------|--------------------------|
| 300 Range (Solvent) Light Fast Woodstain | 47 | ✓ | ✓ | 2-5 | ✓ | ✓ | ✓ | 8-10 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 300 Range (Water) Light Fast Woodstain | 46 | ✓ | ✓ | 15-20 | ✓ | ✓ | ✓ | 15-20 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
# PRODUCT SELECTOR

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<th>Clear Systems</th>
<th>Suitable for Wood</th>
<th>Suitable for MDF</th>
<th>Touch dry 20°C - mins</th>
<th>FIRA / BS 6250 General Use</th>
<th>FIRA / BS 6250 Severe use</th>
<th>Non Yellowing properties</th>
<th>Flamepro ® Fire Retardant</th>
<th>Non Compliant Coating</th>
<th>May be ordered as EN71 (Child Safe) Products</th>
<th>Wet Look (High Gloss) Polurethane</th>
<th>May be polished to a MIRROR SHEEN</th>
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**KEY:** Water borne  
**KEY:** Clear Systems  

* Contact the ISF technical team
PC1 PRECAT SYSTEM
Clear Superflow Lacquer

- Excellent flow & sanding properties
- Waxy feel formulation improves marr resistance
- Fast drying for speedy production schedules
- Hardwearing, marr resistant. Contains anti-scuff additives

uses
Interior joinery & furniture.

Topcoat
PC1 Clear [Super-flow] 5% FLAT Sheen
PC1 Clear [Super-flow] 10% Sheen
PC1 Clear [Super-flow] 25% Sheen
PC1 Clear [Super-flow] 35% Sheen
PC1 Clear [Super-flow] 50% Sheen
PC1 Clear [Super-flow] 90% Sheen

Basecoat
PC1 Sanding Sealer [Easy Sand]
PC1 High Solids MDF Super Sealer

Thinners
PCT Standard Thinners
PCT Fast Dry Thinners
PCT Anti-Bloom Retarding Thinners

Cleaner
ISF Spray Gun Cleaner

Equipment
Conventional airless / airmix or HVLP spray equipment.

Application
Thin with PCT Thinners as required up to a maximum of 10% by volume. Apply a light coat of PC1 Sealer, allow to dry, de-nib & apply another sealer coat as necessary. After a further de-nib apply a full even coat of the PC1 Top Coat. PC1 may also be used as a coat on coat system. Allow to dry overnight prior to packing. For colour shading PC1 may be tinted with ‘ISF 300 Range Woodstain’, up to a maximum 5% by volume.

Information
Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. PC1 lacquer may be used Coat on Coat.

Quick Reference

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<tr>
<td>Pack Size</td>
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Please note: This product can also be supplied in 400 ml Aerosols with professional adjustable fan nozzles.
PC1 PRECAT SYSTEM
Promatch® to pattern

ISF Promatch - computerised colour matching to over 50,000 shades.

- Excellent flow & sanding properties
- High opacity formulation with anti-scuff additives
- Fast drying for speedy production schedules
- Hardwearing with good marr resistance

**USES** Interior furniture & joinery.

**TOPCOAT**
- PC1 Promatch to pattern
- PC1 Promatch Metallic
- PC1 Promatch Textured
- PC1 Promatch SPECIAL
- PC1 Black (Super-flow)
- PC1 White (Super-flow)

**BASECOAT**
- PC1 Promatch Primer Filler (Easy sand)
- PC1 Promatch Primer SPECIAL
- PC1 Black MDF Primer Filler (Easy sand)
- PC1 Charcoal MDF Primer (Easy sand)
- PC1 Grey MDF Primer Filler (Easy sand)
- PC1 White MDF Primer Filler (Easy sand)

**THINNERS**
- PCT Standard Thinners
- PCT Fast Dry Thinners
- PCT Anti-Bloom Retarding Thinners

**CLEANER**
- ISF Spray Gun Cleaner

**EQUIPMENT**
- Conventional airless / airmix or HVLP spray equipment.

**APPLICATION**
Thin with PCT Thinners as required up to a maximum of 10% by volume. Apply a light coat of PC1 Primer, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the PC1 Top Coat. Allow to dry overnight prior to packing. Coverage may vary according to shade chosen. For example a Grey or Beige shade will cover better than a Red or Yellow.

**INFORMATION**
Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion.

Please note: This product can also be supplied in 400 ml Aerosols with professional adjustable fan nozzles.

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• Pre-Catalysed
  - Excellent flow & sanding properties
  - High opacity formulation with anti-scuff additives
  - Fast drying for speedy production schedules
  - Hardwearing with good marr resistance

Pre-Catalysed

Quick Reference

Coverage 5-9 Sq.m/lt
Touch Dry 15 mins
Recoat Time 60 mins
Max Resistance 7 Days
Pot Life N/A
Mix Ratio N/A
Shelf Life 12 months
Pack Size 1,5 & 25 LT
PC2 PRECAT SYSTEM
Melamine High Solids System

- High quality melamine resin based formulation
- High solids (for a pre-cat) reduces number of required coats
- Quick drying with good flow & marr resistance properties
- PC2 sealer may be used under A/C systems

**USES**
Interior furniture & joinery.

**TOPCOAT**
- PC2 (Melamine) Clear 10% Sheen
- PC2 (Melamine) Clear 25% Sheen
- PC2 (Melamine) Clear 35% Sheen
- PC2 (Melamine) Clear 50% Sheen
- PC2 (Melamine) Clear 90% Sheen

**BASECOAT**
PC2 (Melamine) Clear Sanding Sealer

**THINNERS**
- PCT Standard Thinners
- PCT Fast Dry Thinners
- PCT Anti-Bloom Retarding Thinners

**CLEANER**
ISF Spray Gun Cleaner

**EQUIPMENT**
Conventional airless / airmix or HVLP spray equipment.

**APPLICATION**
Thin with PCT Thinners as required up to a maximum of 10% by volume. Apply a light coat of PC2 Sealer, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the PC2 Top Coat & allow to dry. For colour shading PC2 may be tinted with 'ISF 300 Range Woodstain', up to a maximum 5% by volume.

**INFORMATION**
Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. PC2 lacquer may be used Coat on Coat.

**Quick Reference**

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Please note: This product can also be supplied in 400 ml Aerosols with professional adjustable fan nozzles.
AC1 Acid-Catalysed

Two Pack Melamine Lacquer (fast dry)

- Fast drying two pack system
- Good marr resistance, Conforms to BS6250 General Use
- Suitable for fast production schedules
- Good flow & film clarity. Easily re-coatable

**USES**
Interior furniture & joinery.

**TOPCOAT**
- AC1 (Fast Dry) Clear 10% Sheen
- AC1 (Fast dry) Clear 25% Sheen
- AC1 (Fast Dry) Clear 35% Sheen
- AC1 (Fast Dry) Clear 50% Sheen
- AC1 (Fast Dry) Clear 90% Sheen

**BASECOAT**
- AC1 (Fast Dry) Clear Sanding Sealer

**THINNERS**
- ACT Standard Thinners
- ACT Fast Dry Thinners
- ACT Anti-Bloom Retarding Thinners

**CLEANER**
- ISF Spray Gun Cleaner

**EQUIPMENT**
- Conventional airless / airmix or HVLP spray equipment.

**APPLICATION**
Mix 9 Parts AC1 Part A with 1 Part B Catalyst (No 20004). Apply a light coat of AC1 Fast Drying Sanding Sealer. Allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the AC1 Top Coat. Once catalysed, thinners not normally necessary, however ACT thinners may be used if required up to a maximum of 10% by volume. May also be used as a coat on coat system. Allow to dry overnight prior to packing. For colour shading AC1 may be tinted with 'ISF 300 Range Woodstain', up to a maximum 5% by volume.

**INFORMATION**
Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours. AC1 may be used over the PC2 Melamine System but no other pre-catalysed basecoats.

**Quick Reference**
- **Coverage**: 8-10 Sq.m/ltr
- **Touch Dry**: 15 mins
- **Recoat Time**: 60 mins
- **Max Resistance**: 7 Days
- **Pot Life**: 36 hours
- **Mix Ratio**: 9:1
- **Shelf Life**: 12 months
- **Pack Size**: 5 & 25 LT

**AC1 ACID CAT SYSTEM**
Two Pack Melamine Lacquer (fast dry)

• Acid-Catalysed
• Fast drying two pack system
• Good marr resistance, Conforms to BS6250 General Use
• Suitable for fast production schedules
• Good flow & film clarity. Easily re-coatable
**AC2-Lo (low odour) ACID CAT SYSTEM**

Clear High Solids Lacquer (BS 6250 Severe Use)

- Butanol Free, low odour formulation
- Virtually NO formaldehyde - major improvement in Spray Shop safety
- Waxy feel formulation improves marr resistance
- Good flow & film clarity. Easily re-coatable

**USERS**
Interior furniture & joinery.

**TOPCOAT**
- AC2-Lo Clear 10% Sheen (BS 6250)
- AC2-Lo Clear 25% Sheen (BS 6250)
- AC2-Lo Clear 35% Sheen (BS 6250)
- AC2-Lo Clear 50% Sheen (BS 6250)
- AC2-Lo Clear 90% Sheen (BS 6250)

AC2-Lo Catalyst 9:1 mix ratio

**BASECOAT**
- AC2-Lo Basecoat Clear

**THINNERS**
- ACT Standard Thinners
- ACT Fast Dry Thinners
- ACT Anti-Bloom Retarding Thinners

**CLEANER**
ISF Spray Gun Cleaner

**EQUIPMENT**
Conventional airless / airmix or HVLP spray equipment.

**APPLICATION**
The new ISF range of AC2-Lo lacquers contain VIRTUALLY NO FORMALDEHYDE – as such they are a major Health & Safety development. Formaldehyde is deemed to be carcinogenic and a risk to end user. Our unique manufacture process removes the formaldehyde from both the Part A & B components to make these lacquers MUCH SAFER to use. The MSDS sheets state “trace”, the actual levels are under 0.1% which is a major breakthrough in Acid Catalysed technologies. Using ISF AC2-LO Systems the working environment within any Spray Shop will be dramatically improved.

A further improvement in the formulation of these lacquers has also been made. All the butanol (a very pungent solvent) has been removed - this vastly improves the “smell” whilst drying, making them into low odour lacquers. All AC2-Lo systems are SAFER & MORE PLEASANT to use.

MIX RATIO - Mix 9 Parts AC2-Lo Part A with 1 Part AC2-Lo Catalyst. Apply a light coat of AC2-Lo Sealer, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the AC2-Lo Top Coat. Once catalysed, thinners not normally necessary, however ACT thinners may be used if required up to a maximum of 10% by volume. Allow to dry overnight prior to packing. AC2-Lo Lacquer may be used Coat on Coat. Do not use over pre-catalysed basecoats. For colour shading AC2-Lo may be tinted with “ISF 300 Range Woodstain”, up to a maximum 5% by volume.

**INFORMATION**
Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours.
**AC2-Lo (low odour) ACID CAT SYSTEM**

**Promatch® to pattern (BS 6250 Compliant)**

- Low odour, butanol free formulation
- Virtually NO formaldehyde - major improvement in Spray Shop safety
- Excellent opacity. High solids, reduces coats required
- Easily re-coatable

**USES**

- Interior joinery & furniture.

**TOPCOAT**

- AC2-Lo Promatch
- AC2-Lo Promatch Metallic
- AC2-Lo Promatch Textured
- AC2-Lo Promatch SPECIAL
- AC2-Lo Black
- AC2-Lo White

**BASECOAT**

- AC2-Lo Promatch Primer SPECIAL
- AC2-Lo Black Primer Filler
- AC2-Lo Charcoal Primer Filler
- AC2-Lo Grey Primer Filler
- AC2-Lo White Primer Filler

**THINNERS**

- ACT Standard Thinners
- ACT Fast Dry Thinners
- ACT Anti-Bloom Retarding Thinners

**CLEANER**

- ISF Spray Gun Cleaner

**EQUIPMENT**

- Conventional airless / airmix or HVLP spray equipment.

**APPLICATION**

- The new ISF range of AC2-Lo lacquers contain VIRTUALLY NO FORMALDEHYDE – as such they are a major Health & Safety development. Formaldehyde is deemed to be carcinogenic and a risk to end user. Our unique manufacture process removes the formaldehyde from both the Part A & B components to make these lacquers MUCH SAFER to use. The MSDS sheets state “trace”, the actual levels are under 0.1% which is a major breakthrough in Acid Catalysed technologies. Using ISF AC2-Lo Systems the working environment within any Spray Shop will be dramatically improved.

A further improvement in the formulation of these lacquers has also been made. All the butanol (a very pungent solvent) has been removed - this vastly improves the "smell" whilst drying, making them into low odour lacquers. All AC2-Lo systems are SAFER & MORE PLEASANT to use.

**MIX RATIO** - Mix 9 Parts AC2-Lo Part A with 1 Part AC2-Lo Catalyst. Apply a light coat of AC2 Primer, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the AC2-Lo Top Coat. Once catalysed, thinners not normally necessary, however ACT thinners may be used if required up to a maximum of 10% by volume. Allow to dry overnight prior to packing. AC2-Lo should not be used over PC1 Range Pre-catalysed basecoats.

**INFORMATION**

- Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats. Maybe also be used over PC2 Melamine System.
**AC4 WF (Compliant) ACID CAT SYSTEM**

Clear High Solids Lacquer (BS 6250 Severe Use)

- Waxy feel formulation improves marr resistance
- Virtually NO formaldehyde - major safety benefit
- Contains scratch resistance additives
- Good flow & film clarity. Easily re-coatable

**USES**
Interior furniture & joinery.

**TOPCOAT**
- AC4 WF Clear 10% Sheen (Waxy Feel)
- AC4 WF Clear 25% Sheen (Waxy Feel)
- AC4 WF Clear 35% Sheen (Waxy Feel)
- AC4 WF Clear 50% Sheen (Waxy Feel)
- AC4 WF Clear 90% Sheen (Waxy Feel)

**BASECOAT**
- AC4 WF Basecoat Clear

**THINNERS**
- ACT Standard Thinners
- ACT Fast Dry Thinners
- ACT Anti-Bloom Retarding Thinners

**CLEANER**
- ISF Spray Gun Cleaner

**EQUIPMENT**
Conventional airless / airmix or HVLP spray equipment.

**APPLICATION**
This new Acid Cat range of lacquers contain enhanced waxy feel additives that improve the SCRATCH RESISTANCE & SURFACE FEEL of the coating. The high solids reduce the amount of coats required in the finishing process. The formulation contains virtually NO FORMALDEHYDE – as such they are a major Health & Safety development. Formaldehyde is deemed to be carcinogenic and a risk to end user. Our unique manufacture process removes the formaldehyde from both the Part A & B components to make these lacquers MUCH SAFER to use. The MSDS sheets state “trace”, the actual levels are under 0.1% which is a major breakthrough in Acid Catalysed technologies. Using ISF AC Systems the working environment within any Spray Shop will be dramatically improved.

A further improvement in the formulation of these lacquers has also been made. All the butanol (a very pungent solvent) has been removed - this vastly improves the “smell” whilst drying, making them into low odour lacquers. All AC systems are SAFER & MORE PLEASANT to use.

MIX RATIO - Mix 9 Parts AC4 Part A with 1 Part AC4 Catalyst. Apply a light coat of AC4 Sealer, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the AC4 Top Coat. Once catalysed, thinners not normally necessary, however ACT thinners may be used if required up to a maximum of 10% by volume. Allow to dry overnight prior to packing. AC4 Lacquer may be used Coat on Coat. Do not use over pre-catalysed basecoats. For colour shading AC4 may be tinted with ‘ISF 300 Range Woodstain’, up to a maximum 5% by volume.

**INFORMATION**
Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours.
**RP Zero (ISO - FREE) SYSTEM**

Clear Two Component Lacquer

- Isocyanate free two component system
- Major improvement in Spray Shop safety
- Good flow & film clarity produces a superbly smooth finish
- Tough, durable, stain & chip resistant

**USES**
High quality interior joinery & furniture.

**TOPCOAT**
- RP Zero (Iso-Free) Clear 10% Sheen
- RP Zero (Iso-Free) Clear 25% Sheen
- RP Zero (Iso-Free) Clear 35% Sheen
- RP Zero (Iso-Free) Clear 50% Sheen
- RP Zero (Iso-Free) Clear 90% Sheen

**BASECOAT**
- RP Zero (Iso-Free) Clear Sanding Sealer

**THINNERS**
- RPT (PU) System Thinners

**CLEANER**
- ISF Spray Gun Cleaner

**EQUIPMENT**
Conventional airless / airmix or HVLP spray equipment.

**APPLICATION**
RP Zero® (Iso-Free) System – manufactured in the UK, completely free from dangerous isocyanates. Based on a blend of Acrylic resins, this two pack system offers many advantages:

- Major improvement in Spray Shop safety
- No need for air fed respirators!
- Exceptionally fast curing
- Extremely durable
- Easy to polish / burnish
- Steri-Guard (Hygienic coating) version available

The product is NOT quite as resistant as a standard iso-cyanate cured PU but offers many other significant advantages. It has good pot life & an extremely hard, durable finish, tested to the FIRA BS 6250 Severe Use Standard. This all adds up to MAJOR SAVINGS to the end user. RP Zero® (Iso-Free) System is offered as a clear finish in a range of sheen levels.

Also available is a WATER WHITE Clear [ref no 19879 Opti-Clear] which can be used over any white basecoat. This clear has a UV Inhibitor added & consequently minimises long term “yellowing” whilst protecting the surface.

Application:
Mix 4 Parts RP Zero Part A with 1 Part RP Zero Catalyst. Apply a light coat of RP Zero Sealer or use the Clear as a coat on coat system, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the RP Zero Top Coat & allow to dry.

**INFORMATION**
Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours.

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**Quick Reference**

| Coverage | 11 Sq.m/lt |
| Touch Dry | 10-20 mins |
| Recoat Time | 60 mins |
| Max Resistance | 7 Days |
| Pot Life | 18 hours |
| Mix Ratio | 4:1 |
| Shelf Life | 12 months |
| Pack Size | 5 & 25 LT |

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**RP Zero (Iso-Free PU) System**
**RP1 POLYURETHANE SYSTEM**

**Clear Two Component Lacquer (BS 6250)**

- Fast drying two component PU system
- Surpasses BS6250 Severe Use - stain & chip resistant
- Good flow & film clarity produces a superbly smooth finish
- Hardwearing with good marr & water resistance

**USES**

High quality interior joinery & furniture.

**TOPCOAT**

- RP1 (PU) Clear 10% Sheen
- RP1 (PU) Clear 25% Sheen
- RP1 (PU) Clear 35% Sheen
- RP1 (PU) Clear 50% Sheen
- RP1 (PU) Clear 90% Sheen

**BASECOAT**

- RP1 (PU) Clear Sanding Sealer

**THINNERS**

- RPT (PU) System Thinners

**CLEANER**

- ISF Spray Gun Cleaner

**EQUIPMENT**

Conventional airless / airmix or HVLP spray equipment.

**APPLICATION**

Mix 4 Parts RP1 Part A with 1 Part RP1[No.3 for Clears] Catalyst. Apply a light coat of RP1 Sealer, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the RP1 Top Coat & allow to dry. This product contains isocyanates.

**INFORMATION**

Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours. As the catalyst contains isocyanate the use of air-fed masks is required whilst spraying & mixing. Catalyst should be used within 6 weeks of delivery. Once opened, Catalyst MUST be used within 7 days.

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**Quick Reference**

- **Coverage**: 8-10 Sq.m/litre
- **Touch Dry**: 15-20 mins
- **Recoat Time**: 60 mins
- **Max Resistance**: 7 Days
- **Pot Life**: 8 hours
- **Mix Ratio**: 4:1
- **Shelf Life**: 12 months
- **Pack Size**: 5 & 25 LT
RP1 POLYURETHANE SYSTEM
Promatch® - Two Component PU

ISF Promatch - computerised colour matching to over 50,000 shades.

USES
High quality interior joinery & furniture.

TOPCOAT
RP1 (PU) Promatch to Pattern
RP1 (PU) Promatch Metallic
RP1 (PU) Promatch Textured
RP1 (PU) Promatch SPECIAL
RP1 (PU) Black
RP1 (PU) White

BASECOAT
RP1 (PU) Primer Promatch
RP1 (PU) Primer Charcoal
RP1 (PU) Primer Grey
RP1 (PU) Primer White

THINNERS
RPT (PU) System Thinners

CLEANER
ISF Spray Gun Cleaner

EQUIPMENT
Conventional airless / airmix or HVLP spray equipment.

APPLICATION
TOPCOAT: Mix 4 Parts RP1 Top Coat with 1 Part B (No.1 for Pigmented Top Coats).
PRIMER: Mix 4 Parts RP1 Primer with 1 Part B (No.2 for Pigmented Primer). Once catalysed, thinners not normally necessary, however RPT thinners may be used if required up to a maximum of 10% by volume. Apply a light coat of RP1 Primer, allow to dry. Then after a further de-nib apply a full even coat of the RP1 top coat & allow to dry. This product contains isocyanates.

INFORMATION
As the catalyst contains isocyanate the use of air-fed masks is required whilst spraying & mixing. Please ensure that the total system dry film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours. Catalyst should be used within 6 weeks of delivery. Once opened, Catalyst MUST be used within 7 days.

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Polyurethane
• Exceeds BS 6250 Severe Use rating
• High opacity formulation. Excellent water resistance
• Good flow & film clarity produces a superbly smooth finish
• Easily re-coatable for speedy production

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RP1 No.1 Cat (Pigmented Topcoat) 4:1 mix

RP1 No.2 Catalyst (Pigmented Primer) 4:1mx

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RP1 No.1 Cat (Pigmented Topcoat) 4:1 mix

RP1 No.2 Catalyst (Pigmented Primer) 4:1mx
Polyurethane

SIRCA High Solids PU Clear System
Clear 2k High Solids PU Lacquer

USES
High quality interior joinery & furniture.

TOPCOAT
- SIRCA OPU66g10 Clear 10%
- SIRCA OPU66g30 Clear 30%
- SIRCA OPU66g60 Clear 60%
- SIRCA OPU66g80 Clear 80%

BASECOAT
SIRCA PU FPU 35 Clear Sealer

THINNERS
SIRCA DPU 809 Thinners

CLEANER
ISF Spray Gun Cleaner

EQUIPMENT
Conventional airless / airmix or HVLP spray or curtain coating

APPLICATION
1. Mix SIRCA FPU35 Clear Sealer with CT35 Catalyst - mix ratio is 2:1 - apply a coat and allow to dry. De-nib using 320 grit paper.

3. Mix SIRCA OPU66Gxx (xx applies to the sheen level) 2:1 with CT23 Catalyst.

4. Add < 30% SIRCA DPU 809 Thinners. Apply 1-2 coats.

Sirca OPU66 is a very high solids material, characterised by excellent filling and coverage. The surface, when cured is extremely hard and transparency good. It may also be applied over a base of SIRCA Polyester base coat.

For further information, please consult the ISF Technical Team.

INFORMATION
Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours. Catalyst should be used within 6 weeks of delivery. Once opened, Catalyst MUST be used within 7 days.

Quick Reference

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Polyurethane
• High Build two component PU system
• Surpasses BS6250 Severe Use - stain & chip resistant
• Good flow & film clarity produces a superbly smooth finish
• Hardwearing with good marr resistance

Sirca FPU35 Clear Sealer

CT23 Catalyst 2:1 mix

CT35 Catalyst 2:1 mix

Sirca DPU 809 Thinners

ISF Spray Gun Cleaner

Conventional airless / airmix or HVLP spray or curtain coating

Sirca OPU66 is a very high solids material, characterised by excellent filling and coverage. The surface, when cured is extremely hard and transparency good. It may also be applied over a base of SIRCA Polyester base coat.

For further information, please consult the ISF Technical Team.

INFORMATION
Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours. Catalyst should be used within 6 weeks of delivery. Once opened, Catalyst MUST be used within 7 days.
**Sirca High Solids PU Pigmented System**

**Uses**
- High quality interior joinery & furniture.

**Topcoat**
- SIRCA PU Top Coat (CR4500 Clear) Promatch
- SIRCA PU Top Coat (OPP 530 White) Promatch
- SIRCA PU Top Coat White
- SIRCA PU Top Coat Black

**Basecoat**
- SIRCA FPP225TIX Primer White
- SIRCA FPP 201 Black putty primer

**Thinners**
- SIRCA DPU 809 Thinners

**Cleaner**
- ISF Spray Gun Cleaner

**Equipment**
- Conventional airless / airmix or HVLP spray or curtain coating

**Application**
1. Mix Sirca FPP225 TIX White Primer with CT30 Catalyst - mix ratio is 2:1 - apply a coat and allow to dry. De-nib using 320 grit paper.


3. Add < 30% Sirca DPU 809 Thinners. Apply 1-2 coats.

Sirca High Solids PU is a high solids material, characterised by excellent filling and coverage. The surface, when cured is extremely hard and resistant to yellowing. It may also be applied over a base of SIRCA Polyester base coat.

For further information, please consult the ISF Technical Team.

**Information**
- Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours. Catalyst should be used within 6 weeks of delivery. Once opened, Catalyst MUST be used within 7 days.

**Quick Reference**
- **Coverage**: 8-10 Sq.m/lt
- **Touch Dry**: 60 mins
- **Recoat Time**: 60 mins
- **Max Resistance**: 7 Days
- **Pot Life**: 2 hours
- **Mix Ratio**: 2:1
- **Shelf Life**: 12 months
- **Pack Size**: 5 & 25 LT

**Polyurethane**
- High solids, two component PU System
- Surpasses BS6250 Severe Use - stain & chip resistant
- Good flow & film clarity produces a superbly smooth finish
- Hardwearing with good marr resistance
USES
High quality interior joinery & furniture.

TOPCOAT
SIRCA LPU132 CLEAR Wet Look | CTH46 Catalyst 1:1 mix

BASECOAT
SIRCA PU FPU 35 Clear Sealer | CT35 Catalyst 2:1 mix

THINNERS
SIRCA DPU 809 Thinners

CLEANER
ISF Spray Gun Cleaner

EQUIPMENT
Conventional airless / airmix or HVLP spray or curtain coating

APPLICATION
1. Mix Sirca FPU35 Clear Sealer with CT35 Catalyst - mix ratio is 2:1 - apply a coat and allow to dry. De-nib using 320 grit paper.


4. Add < 30% Sirca DPU 809 Thinners. Apply 1-2 coats.

Pot life of the mixed solution is 2 hours. LPU132 Wet Look is a very high solids material, characterised by excellent filling and coverage. The surface, when cured is extremely hard and resistant to yellowing. It may also be applied over a base of SIRCA Polyester base coat. The final sheen level “off the gun” is exceptional, but further polishing will produce a “mirror finish shine”.

For further information, please consult the ISF Technical Team.

INFORMATION
Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours. Catalyst should be used within 6 weeks of delivery. Once opened, Catalyst MUST be used within 7 days.

Quick Reference

| Coverage | 10-15 Sq.m/lit |
| Touch Dry | 60 mins |
| Recoat Time | 60 mins |
| Max Resistance | 7 Days |
| Pot Life | 2 hours |
| Mix Ratio | 1:1 |
| Shelf Life | 12 months |
| Pack Size | 5 & 25 LT |

Polyurethane
• Very high solids, glossy two component PU system
• Surpasses BS6250 Severe Use - stain & chip resistant
• Good flow & film clarity produces a superbly smooth finish
• Hardwearing with good marr resistance

SIRCA PU Clear Wet Look
2k HIGH GLOSS Polyurethane PU Lacquer
SIRCA PU Pigmented Wet Look
2k HIGH GLOSS Polyurethane PU Lacquer

ISF Promatch - computerised colour matching to over 50,000 shades.

- Very high solids, glossy two component PU system
- Surpasses BS6250 Severe Use - stain & chip resistant
- Good flow & film clarity produces a superbly smooth finish
- Hardwearing with good marr resistance

USES
High quality interior joinery & furniture.

TOPCOAT
Sirca Wet Look Promatch
Sirca Wet Look Black LPP2540
Sirca Wet Look White LPP2530

BASECOAT
Sirca FPP225TIX Primer White
CTH46 Catalyst 1:1 mix

THINNERS
Sirca DPU 809 Thinners

CLEANER
ISF Spray Gun Cleaner

EQUIPMENT
Conventional airless / airmix or HVLP spray or curtain coating

APPLICATION
1. Mix Sirca FPP225 TIX White Primer with CT30 Catalyst - mix ratio is 2:1 - apply a coat and allow to dry. De-nib using 320 grit paper.


3. Add < 30% Sirca DPU 809 Thinners. Apply 1-2 coats.

Sirca Pigmented Wet Look is a very high solids material, characterised by excellent filling and coverage. The surface, when cured is extremely hard and resistant to yellowing. It may also be applied over a base of SIRCA Polyester base coat. The final sheen level "off the gun" is exceptional, but further polishing will produce a "mirror finish shine".

For further information, please consult the ISF Technical Team.

INFORMATION
Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours. Catalyst should be used within 6 weeks of delivery. Once opened, Catalyst MUST be used within 7 days.

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## SIRCA Non Yellowing "Water White" PU

**Clear Acrylic PU Lacquer**

- High Build 2k Acrylic PU Clear Lacquer System
- Non Yellowing with UV Filters.
- Good flow & excellent film clarity. Superbly smooth finish
- Hardwearing with excellent marr & water resistance

### USES
High quality interior joinery & furniture.

### TOPCOAT
- SIRCA OPU79g 10 Clear 10%
- SIRCA OPU79g 30 Clear 30%
- SIRCA OPU79g 60 Clear 60%
- SIRCA OPU79g 80 Clear 80%

CTN52 Catalyst 5:1 mix

### BASECOAT
Coat on coat application

### THINNERS
SIRCA DPU 809 Thinners

### CLEANER
ISF Spray Gun Cleaner

### EQUIPMENT
Conventional airless / airmix or HVLP spray or curtain coating

### APPLICATION
1. Mix SIRCA OPU79 Clear Lacquer with CTN52 Catalyst - mix ratio is 5:1

2. Add < 30% SIRCA DPU 809 Thinners. Apply 1-2 coats as a coat on coat application. De-nib between coats using 320 grit paper.

**Sirca OPU79** is a very high solids material, characterised by excellent filling and coverage. The surface, when cured is extremely hard and VERY resistant to yellowing. It may also be applied over a base of **SIRCA Polyester base coat**.

For further information, please consult the **ISF Technical Team**.

### INFORMATION
Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours. Catalyst should be used within 6 weeks of delivery. Once opened, Catalyst MUST be used within 7 days.

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- Polyurethane

• High Build 2k Acrylic PU Clear Lacquer System
• Non Yellowing with UV Filters.
• Good flow & excellent film clarity. Superbly smooth finish
• Hardwearing with excellent marr & water resistance
SIRCA Polyester Base Coats
High Solids Polyester Basecoat System

- Very high solids, 3k Polyester System
- Unrivalled sealing properties.
- Good flow produces a superbly smooth finish
- Extremely hardwearing

**USES**
High quality interior joinery & furniture

**TOPCOAT**
Various PU Systems - Clear & pigmented

**BASECOAT**
SIRCA PCV 2019 Polyester Clear
SIRCA PCV 2090 Polyester White
SIRCA 20223 Polyester Clear (Inc Cobalt)
SIRCA 20225 Polyester White (Inc Cobalt)

**THINNERS**
SIRCA DPU 806 Thinners

**CLEANER**
ISF Spray Gun Cleaner

**EQUIPMENT**
Conventional airless / airmix or HVLP spray or curtain coating

**APPLICATION**
There are two variations of basecoat available SIRCA WHITE (ref PCV2090) & SIRCA CLEAR (ref PCV2019). Both are mixed and applied in a similar way.

1. Mix SIRCA Polyester Basecoat as follows:
   - SIRCA Polyester Basecoat 100 parts
   - SIRCA AP2 Cobalt Activator 2 parts
   - SIRCA CP2 Peroxide Solution 2 parts - only add this component after having stirred in the AP2 very well. IMPORTANT: Do not store the AP2 & CP2 together - avoid contact unless in solution to prevent possible fire/explosion.
   - Also available as 20223 and 20225 versions with Cobalt already added.

2. Add < 20% SIRCA DPU 806 Thinners. Apply 2-3 coats.

Excellent mileage & covering power (white), excellent flow properties give a superbly level base. SIRCA Polyester Basecoat is normally applied by a proportion unit which allows a "mix at the tip" application.

For further information, please consult the ISF Technical Team.

**INFORMATION**
Always lightly sand between coats to assist adhesion.

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Polyester

• Very high solids, 3k Polyester System
• Unrivalled sealing properties.
• Good flow produces a superbly smooth finish
• Extremely hardwearing

ISF Polyurethane

EN71
• Clear Acrylic Putties: UVA112S Series
They have excellent properties of uniformity and coverage, optimal sandability, transparency and reactivity.

<table>
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<th>Physical and Chemical Properties</th>
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<tr>
<td>Specific Weight: 1,05-1, 12kg/l [g/sm at 20°C]</td>
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<tr>
<td>Viscosity: 70° - 230° DIN 6 at 20°C</td>
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<tr>
<td>Solid Content: 99 + 1%</td>
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Preparation: The series is ready to use, if necessary DPA2001 can be added in small amounts (5-10%)
Expenditure: 20-50g/sm. 1-3 coats are allowed, with semi or full curing.
Storage: Store in cool, well ventilated places. Keep the partially used containers tightly closed.
The storage period is 4 month in the original sealed containers.

• Clear Polyacrylic Topcoat: UV0591G Series
Roller UV topcoats series characterised by good reactivity, smoothness, and uniformity. Anti-scratch resistant. Particularly suitable for parquet flooring.

<table>
<thead>
<tr>
<th>Physical and Density</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1,15 + 0,01 g/cc at 20°C</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Viscosity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN Ø 6 20°C 60° + 5</td>
<td></td>
</tr>
</tbody>
</table>

| Properties: |  |
| Solid Content: |  |
| 87 + 1% |  |

| Preparation: |  |
| The product is ready-to-use |  |

| Expenditure: |  |
| 5-10 g/sm on one or two coats |  |

| Curing: |  |
| Belt speed: 3 m/min |  |
| 1-2 Hg lamps (360nm) |  |

Storage: Keep in a fresh and well ventilated place: in case of partial use, close the cans perfectly and use the remaining product within a short time.

• Clear Acrylic Topcoat: UV0509S01G Series
It is a roller UV topcoats series characterised by very good reactivity, smoothness, and uniformity. Anti-scratch resistant. It is suited for single rollers and special milled rollers.

<table>
<thead>
<tr>
<th>Physical and Density</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1,10 + 0,01 g/cc at 20°C</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Viscosity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN Ø 4 20°C 100° + 5</td>
<td></td>
</tr>
</tbody>
</table>

| Properties: |  |
| Solid content: |  |
| 99 + 1% |  |

| Preparation: |  |
| The product is ready-to-use |  |

| Expenditure: |  |
| 15-20 g/sm on one or two layers |  |

| Curing: |  |
| Belt speed: 6 m/min |  |
| 1-2 Hg lamps (360nm) |  |

Storage: Keep in a fresh and well ventilated place; in case of partial use, close the cans perfectly and use the remaining product within a short time.
### UV Coating

**UV CURING SYSTEM**

**Spray Application**

#### • Acrylic Clear Sealer: UVA110S13

This is an acrylic UV sealer already photoinitiated for spray systems. It is characterised by good reactivity, high coverage, optimal Sandability and wettability. Suitable for open and closed pore structures.

<table>
<thead>
<tr>
<th>Physical and Chemical Properties</th>
<th>Specific Weight: 1,08 + 0,01 Kg/l [g/cc at 20°C]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparation:</td>
<td>UVA110S13 100 parts weight DPU809 30-50 parts by weight</td>
</tr>
<tr>
<td>Expenditure:</td>
<td>100-130 g/sm on one to three coats.</td>
</tr>
<tr>
<td>Drying:</td>
<td>Flash off: 7-8 minutes @ 40°C 1-2 Hg lamps (360nm)</td>
</tr>
<tr>
<td>Storage:</td>
<td>Keep in fresh and well ventilated places; in case of partial use, close the cans perfectly and use up the remaining product within a short period of time.</td>
</tr>
</tbody>
</table>

#### • Acrylic Clear Topcoat: FO3010S04G Series

This is an acrylic UV topcoat, which can be applied by automatic spray system to avoid the contact with the particles of the overspray. If two coats of the same product are necessary, sanding between coats has to be performed to guarantee a good adhesion. It is characterised by very good reactivity, transparency and uniformity. Also gives a very smooth finish.

<table>
<thead>
<tr>
<th>Physical and Chemical Properties</th>
<th>Density: 0,97 + 0,01 kg/l [g/cc at 20°C]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparation:</td>
<td>FO3010S04G series 100 parts by weight DPU809 30-50 parts by weight</td>
</tr>
<tr>
<td>Expenditure:</td>
<td>80-100 g/sm on one coat</td>
</tr>
<tr>
<td>Drying:</td>
<td>Flash off: 3-5 minutes at 40°C 1-2 minutes under TLM 03-05 1-2 Hg lamps (360nm)</td>
</tr>
<tr>
<td>Storage:</td>
<td>Keep in a fresh and well ventilated place; in case of partial use, close the cans perfectly and use the remaining product within a short time.</td>
</tr>
</tbody>
</table>

#### • Acrylic Clear Topcoat: FO2303G Series

FO2303G Series is a UV drying matt topcoat with good characteristics of coverage, wetting reactivity, and surface hardness. It has been formulated in order to achieve a very good resistance to scratches; which makes this product suitable for parquet cycles.

<table>
<thead>
<tr>
<th>Physical and Chemical Properties</th>
<th>Density: 1,00 + 0,01 kg/l [g/cc at 20°C]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparation:</td>
<td>Mix well 100 parts by weight of FO2303G and four parts in weight of CTF55 (photoinitiator), then add 30-50 parts by weight of DPU809.</td>
</tr>
<tr>
<td>Expenditure:</td>
<td>110-130 g/sm on one layer</td>
</tr>
<tr>
<td>Drying:</td>
<td>Flash off: 2-4 minutes at 40°C 2 minutes under TLM 03-05 1-2 Hg lamps (360nm)</td>
</tr>
<tr>
<td>Storage:</td>
<td>Keep in a fresh and well ventilated place; in case of partial use, close the cans perfectly and use the remaining product within a short time.</td>
</tr>
</tbody>
</table>
Why use “Hygienic coatings”?  
In today’s world there is a heightened concern about the spread of infection in most walks of life - establishments such as hospitals, care homes and catering facilities.

What is STERI-GUARD® Lacquer?  
More & more manufacturers of furniture for the kitchen, educational & medical environments are being requested to use “bacteria killing” lacquers on their products. Most ‘hygienic’ lacquers currently on sale in the UK market contain BIOCIDES that can be intrinsically hazardous to humans.

Many biocides (including Troclosan, the most common version) have recently been banned in the UK for environmental reasons as they were found to be causing more problems than they actually solved - carcinogenic, mutagenic and skin sensitising.

Steri-Guard® lacquer is manufactured by The ISF Group using a totally different, safer formulation which incorporates nano-technology and the natural occurring element SILVER.

How does STERI-GUARD® work?  
Steri-Guard® lacquer prevents the bacteria’s access to food & nutrients so they cannot survive. It will provide long term protection against bacteria for the lifetime of the lacquer – which could be as long as 10 years!

Why is STERI-GUARD® different?  
Steri-Guard® lacquer has a unique quality to its finish - it enables the designer to maintain the overall decorative effect required whilst complying with today’s building regulations for hygienic coatings.

Where was STERI-GUARD® certified?  
Steri-Guard® lacquer has been tested by Bodycote Law Laboratories and was found to kill 99.9% of most bacteria over a 24 hour period - Salmonella, Listeria, E.Coli & even MRSA.

What are the products in the STERI-GUARD® Range?  
We are sure that Steri-Guard® lacquers will provide the perfect solution for contractors, architects and builders alike.

The full range includes:

• Steri-Guard® PC (Pre-cat) - CLEAR
• Steri-Guard® PC (Pre-cat) - PROMATCH
• Steri-Guard® AC Duo (Acid Cat) - CLEAR
• Steri-Guard® AC Duo (Acid Cat) - PROMATCH
• Steri-Guard® PU - CLEAR
• Steri-Guard® PU - PROMATCH
• Steri-Guard® AQUA (Water-borne) - CLEAR
• Steri-Guard® AQUA (Water-borne) - PROMATCH

Both CLEAR and COLOURS are available in a wide range of sheen levels – 90% (Gloss), 50%, 35%, 25% & 10% (Matt).

How large is the STERI-GUARD® colour database?  
All colours in the Steri-Guard® range are manufactured using our computerised colour system - Promatch®

Over 50,000 colour permutations including British Standard, Pantone, RAL, DCD colours are available – this is in addition to any special shades used by your company.
STERI-GUARD PC SYSTEM
Melamine type High Solids Lacquer

- Non biocide “safe to use” hygienic coating
- High quality pre-cat resin based formulation
- Quick drying with good flow
- Easy to apply with good marr resistance properties

**USES**
Interior joinery & furniture.

**TOPCOAT**
- Steri-Guard PC Clear 10% Sheen
- Steri-Guard PC Clear 25% Sheen
- Steri-Guard PC Clear 35% Sheen
- Steri-Guard PC Clear 50% Sheen
- Steri-Guard PC Clear 90% Sheen

**BASECOAT**
Steri-Guard PC Sanding Sealer Clear

**THINNERS**
- PCT Standard Thinners
- PCT Fast Dry Thinners
- PCT Anti-Bloom Retarding Thinners

**CLEANER**
ISF Spray Gun Cleaner

**EQUIPMENT**
Conventional airless / airmix or HVLP spray equipment.

**APPLICATION**
Thin with PCT Thinners as required up to a maximum of 10% by volume. Apply a light coat of Steri-Guard PC Sealer, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the Steri-Guard PC Top Coat & allow to dry. For colour shading Steri-Guard PC may be tinted with ‘ISF 300 Range Woodstain’, up to a maximum 5% by volume.

**INFORMATION**
Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion.

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**Quick Reference**

<table>
<thead>
<tr>
<th>Coverage</th>
<th>7-9 Sq.m/litre</th>
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<tbody>
<tr>
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<td>10-15 mins</td>
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<tr>
<td>Recoat Time</td>
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<tr>
<td>Max Resistance</td>
<td>7 Days</td>
</tr>
<tr>
<td>Pot Life</td>
<td>N/A</td>
</tr>
<tr>
<td>Mix Ratio</td>
<td>N/A</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>12 months</td>
</tr>
<tr>
<td>Pack Size</td>
<td>5 &amp; 25 LT</td>
</tr>
</tbody>
</table>

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ISF Promatch - computerised colour matching to over 50,000 shades.

Please note: This product can also be supplied in 400 ml Aerosols with professional adjustable fan nozzles.
STERI-GUARD® AC SYSTEM

High Solids Lacquer (BS 6250 Severe Use)

ISF Promatch - computerised colour matching to over 50,000 shades.

Quick Reference

| Coverage  | 9-11 Sq.m/lt |
| Touch Dry | 15-20 mins   |
| Recoat Time | 60 mins    |
| Max Resistance | 7 Days |
| Pot Life  | 36 hours     |
| Mix Ratio | 9:1          |
| Shelf Life | 12 months |
| Pack Size | 5 & 25 LT    |

USES

Interior joinery & furniture.

TOPCOAT

Steri-Guard AC Clear 10% Sheen
Steri-Guard AC Clear 25% Sheen
Steri-Guard AC Clear 35% Sheen
Steri-Guard AC Clear 50% Sheen
Steri-Guard AC Clear 90% Sheen

BASECOAT

Steri-Guard AC Sanding Sealer

THINNERS

ACT Standard Thinners
ACT Fast Dry Thinners
ACT Anti-Bloom Retarding Thinners

CLEANER

ISF Spray Gun Cleaner

EQUIPMENT

Conventional airless / airmix or HVLP spray equipment.

APPLICATION

The mix ratio is as follows - Mix 9 Parts STERI-GUARD AC® Part A with 1 Part AC Catalyst. Apply a light coat of STERI-GUARD AC® Sealer, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the STERI-GUARD AC® Top Coat. Once catalysed, thinners not normally necessary, however ACT thinners may be used if required up to a maximum of 10% by volume. Allow to dry overnight prior to packing. STERI-GUARD AC® Lacquer may also be used Coat on Coat.

INFORMATION

Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours.

- Non biocide, highly resistant hygienic coating
- High build finish reduces the number of coats required
- Superb feel & improved marr resistance
- Good flow & film clarity. Easily re-coatable

Steri-Guard

• Non biocide, highly resistant hygienic coating
• High build finish reduces the number of coats required
• Superb feel & improved marr resistance
• Good flow & film clarity. Easily re-coatable

STERI-GUARD® AC SYSTEM

High Solids Lacquer (BS 6250 Severe Use)

ISF Promatch - computerised colour matching to over 50,000 shades.
STERI-GUARD® PU SYSTEM
Two Component PU Lacquer

ISF Promatch - computerised colour matching to over 50,000 shades.

- Non biocide, highly resistant hygienic coating
- Surpasses BS6250 Severe Use - stain & chip resistant
- Good flow & film clarity. Superbly smooth finish
- Hardwearing with good marr & water resistance

USES
High quality interior joinery & furniture.

TOPCOAT
Steri-Guard PU Clear 10% Sheen
Steri-Guard PU Clear 25% Sheen
Steri-Guard PU Clear 35% Sheen
Steri-Guard PU Clear 50% Sheen
Steri-Guard PU Clear 90% Sheen

BASECOAT
Steri-Guard PU Clear Sealer

THINNERS
RPT [PU] System Thinners

CLEANER
ISF Spray Gun Cleaner

EQUIPMENT
Conventional airless / airmix or HVLP spray equipment.

APPLICATION
The mix ratio is as follows - Mix 4 Parts STERI-GUARD PU® Part A with 1 Part Catalyst. Apply a light coat of STERI-GUARD® PU Sealer, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the STERI-GUARD® PU Top Coat. Once catalysed, thinners not normally necessary, however RPT thinners may be used if required up to a maximum of 10% by volume. Allow to dry overnight prior to packing. STERI-GUARD® PU Lacquer may also be used Coat on Coat.

INFORMATION
Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours. As the catalyst contains isocyanate the use of air-fed masks is required whilst spraying & mixing. Catalyst should be used within 6 weeks of delivery. Once opened, Catalyst MUST be used within 7 days.

Quick Reference

<table>
<thead>
<tr>
<th>Coverage</th>
<th>8-10 Sq.m/lt</th>
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<tbody>
<tr>
<td>Touch Dry</td>
<td>15-20 mins</td>
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<tr>
<td>Recoat Time</td>
<td>60 mins</td>
</tr>
<tr>
<td>Max Resistance</td>
<td>7 Days</td>
</tr>
<tr>
<td>Pot Life</td>
<td>8 hours</td>
</tr>
<tr>
<td>Mix Ratio</td>
<td>4:1</td>
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<td>Shelf Life</td>
<td>12 months</td>
</tr>
<tr>
<td>Pack Size</td>
<td>5 &amp; 25 LT</td>
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</tbody>
</table>

Steri-Guard
• Non biocide, highly resistant hygienic coating
• Surpasses BS6250 Severe Use - stain & chip resistant
• Good flow & film clarity. Superbly smooth finish
• Hardwearing with good marr & water resistance
**STERI-GUARD AQUA SYSTEM**

Water Borne Lacquer

- **USES**: Interior joinery & furniture.

- **TOPCOAT**:
  - Steri-Guard Aqua Clear 10% Sheen
  - Steri-Guard Aqua Clear 25% Sheen
  - Steri-Guard Aqua Clear 35% Sheen
  - Steri-Guard Aqua Clear 50% Sheen
  - Steri-Guard Aqua Clear 90% Sheen

- **BASECOAT**: Steri-Guard Aqua Sanding Sealer Clear

- **THINNERS**: Water, as required

- **CLEANER**: Water

- **EQUIPMENT**: Conventional airless / airmix or HVLP spray equipment.

- **APPLICATION**: Thin with water if required up to a maximum of 5% by volume. Apply a light coat of Steri-Guard Aqua Sealer, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the Steri-Guard Aqua Top Coat & allow to dry. For colour shading Steri-Guard Aqua may be tinted with 'ISF 500 Range Woodstain', up to a maximum 5% by volume.

- **INFORMATION**: Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion.

<table>
<thead>
<tr>
<th>Quick Reference</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Coverage</td>
<td>9-11 Sq.m/lt</td>
</tr>
<tr>
<td>Touch Dry</td>
<td>15-25 mins</td>
</tr>
<tr>
<td>Recoat Time</td>
<td>60 mins</td>
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<td>Max Resistance</td>
<td>7 Days</td>
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<td>Pot Life</td>
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</tr>
<tr>
<td>Mix Ratio</td>
<td>N/A</td>
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<tr>
<td>Shelf Life</td>
<td>12 months</td>
</tr>
<tr>
<td>Pack Size</td>
<td>5 &amp; 20 LT</td>
</tr>
</tbody>
</table>

Steri-Guard
- Non biocide “safe to use” hygienic coating
- High quality water borne formulation
- Quick drying with good flow
- Easy to apply with good marr resistance properties

**STERI-GUARD**

• Non biocide “safe to use” hygienic coating
• High quality water borne formulation
• Quick drying with good flow
• Easy to apply with good marr resistance properties

**STERI-GUARD AQUA SYSTEM**

- Water Borne Lacquer

Quick Reference

- Coverage: 9-11 Sq.m/lt
- Touch Dry: 15-25 mins
- Recoat Time: 60 mins
- Max Resistance: 7 Days
- Pot Life: N/A
- Mix Ratio: N/A
- Shelf Life: 12 months
- Pack Size: 5 & 20 LT

**STERI-GUARD AQUA SYSTEM**

- Water Borne Lacquer

Quick Reference

- Coverage: 9-11 Sq.m/lt
- Touch Dry: 15-25 mins
- Recoat Time: 60 mins
- Max Resistance: 7 Days
- Pot Life: N/A
- Mix Ratio: N/A
- Shelf Life: 12 months
- Pack Size: 5 & 20 LT

**STERI-GUARD AQUA SYSTEM**

- Water Borne Lacquer

Quick Reference

- Coverage: 9-11 Sq.m/lt
- Touch Dry: 15-25 mins
- Recoat Time: 60 mins
- Max Resistance: 7 Days
- Pot Life: N/A
- Mix Ratio: N/A
- Shelf Life: 12 months
- Pack Size: 5 & 20 LT

**STERI-GUARD AQUA SYSTEM**

- Water Borne Lacquer

Quick Reference

- Coverage: 9-11 Sq.m/lt
- Touch Dry: 15-25 mins
- Recoat Time: 60 mins
- Max Resistance: 7 Days
- Pot Life: N/A
- Mix Ratio: N/A
- Shelf Life: 12 months
- Pack Size: 5 & 20 LT

**STERI-GUARD AQUA SYSTEM**

- Water Borne Lacquer

Quick Reference

- Coverage: 9-11 Sq.m/lt
- Touch Dry: 15-25 mins
- Recoat Time: 60 mins
- Max Resistance: 7 Days
- Pot Life: N/A
- Mix Ratio: N/A
- Shelf Life: 12 months
- Pack Size: 5 & 20 LT

**STERI-GUARD AQUA SYSTEM**

- Water Borne Lacquer

Quick Reference

- Coverage: 9-11 Sq.m/lt
- Touch Dry: 15-25 mins
- Recoat Time: 60 mins
- Max Resistance: 7 Days
- Pot Life: N/A
- Mix Ratio: N/A
- Shelf Life: 12 months
Choosing coatings and finishes that meet strict British Standards can be a time consuming business. In an effort to provide the perfect solution for contractors, architects and builders alike, ISF are proud to introduce the FLAMEPRO® range of flame retardant coatings that adhere to the British Standard 476 Part 6 & 7 for surface spread of flame.

From simple single pack solutions to two component options, products within the FLAMEPRO® range provide fast drying, high resistance coatings offering superb coverage and outstanding durability as well as giving peace of mind that the coating will meet ‘Class 1’ or ‘Class 0’ ratings onto a variety of substrates.

To maintain Class 1 rating of the substrate:

- Flame-Pro FP1® (Pre-cat type) - CLEAR
- Flame-Pro FP1® (Pre-cat type) - PROMATCH
- Flame-Pro FP3® (2 pack PU type) - CLEAR
- Flame-Pro FP3® (2 pack PU type) - PROMATCH
- Flame-Pro AQUA® (water-borne) - CLEAR
- Flame-Pro AQUA® (water-borne) - PROMATCH

To maintain Class 1 or Class 0 rating of the substrate:

- Flame-Pro FP2® (Acid catalyst type) - CLEAR
- Flame-Pro FP2® (Acid catalyst type) - PROMATCH

To up-grade substrates to Class 1 or Class 0 rating:

- Flame-Pro FP0® (2 component water-borne) - CLEAR BASECOAT
- Flame-Pro FP7® (2 component lacquer type) - CLEAR TOP COAT
- Flame-Pro FP7® (2 component lacquer type) - PROMATCH® TOP COAT
**USES**
Interior joinery & furniture.

**TOPCOAT**
- FLAMEPRO FP1 Clear 10% Sheen
- FLAMEPRO FP1 Clear 25% Sheen
- FLAMEPRO FP1 Clear 35% Sheen
- FLAMEPRO FP1 Clear 50% Sheen
- FLAMEPRO FP1 Clear 90% Sheen

**BASECOAT**
FLAMEPRO FP1 Sanding Sealer

**THINNERS**
- 18805 FPT Thinners
- FLAMEPRO FPT Virgin Thinners
- FLAMEPRO FPT Anti Bloom Thinners

**CLEANER**
ISF Spray Gun Cleaner

**EQUIPMENT**
Conventional airless / airmix or HVLP spray equipment.

**APPLICATION**
Thin with FLAMEPRO FPT Thinners as required up to a maximum of 5% by volume. Apply a light coat of FP1 Sealer, allow to dry, de-nib & apply another sealer coat. Then after a further de-nib apply a full even coat of the FP1 Top Coat. Min DFT should be 25 microns per coat. Leave to dry overnight prior to packing. Copies of the test reports are available on request.

**INFORMATION**
Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. FLAMEPRO FP1 will not up-grade to Class 1 rating - it will only maintain the rating of the substrate. Please allow 28 days prior to testing to BS 476.

**Quick Reference**

<table>
<thead>
<tr>
<th>Coverage</th>
<th>6-9 Sq.m/lt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch Dry</td>
<td>15 mins</td>
</tr>
<tr>
<td>Recoat Time</td>
<td>60 mins</td>
</tr>
<tr>
<td>Max Resistance</td>
<td>7/28* Days</td>
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<tr>
<td>Pot Life</td>
<td>N/A</td>
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<tr>
<td>Mix Ratio</td>
<td>N/A</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>12 months</td>
</tr>
<tr>
<td>Pack Size</td>
<td>5 &amp; 25 LT</td>
</tr>
</tbody>
</table>

**FLAMEPRO FP 1**
Single Pack Class 1 Flame Retardant Lacquer

- Maintains BS 476 Part 7: 1997 Class 1 spread of flame
- Performs as a typical pre-cat system. Easily re-coatable
- Fast drying for speedy production schedules
- Hardwearing with good marr resistance

**ALSO AVAILABLE AS PROMATCH®**
Flame Retardant

Please note: This product can also be supplied in 400 ml Aerosols with professional adjustable fan nozzles.
**USES**  
Interior joinery & furniture.

**TOPCOAT**  
- FLAMEPRO FP2-Lo Clear Class1/0 10% Sheen
- FLAMEPRO FP2-Lo Clear Class1/0 25% Sheen
- FLAMEPRO FP2-Lo Clear Class1/0 35% Sheen
- FLAMEPRO FP2-Lo Clear Class1/0 50% Sheen
- FLAMEPRO FP2-Lo Clear Class1/0 90% Sheen

**BASECOAT**  
FLAMEPRO FP2-Lo Class1/0 Sealer

**THINNERS**  
- 18805 FPT Thinners
- FLAMEPRO FPT Virgin Thinners
- FLAMEPRO FPT Anti Bloom Thinners

**CLEANER**  
ISF Spray Gun Cleaner

**EQUIPMENT**  
Conventional airless / airmix or HVLP spray equipment.

**APPLICATION**  
Mix 9 Parts FP2-Lo Part A with 1 Part FP2-Lo Catalyst. Apply a light coat of FP2 Sealer, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the FP2-Lo Top Coat & allow to dry. Once catalysed, thinners not normally necessary, however FPT thinners may be used if required up to a maximum of 5% by volume. Leave to dry overnight prior to packing. Copies of the test reports are available on request.

**INFORMATION**  
Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours. FLAMEPRO FP2-Lo will not up-grade to Class 1 or Class 0 rating - it will only maintain the rating of the substrate. Please allow 28 days prior to testing to BS 476.

---

**Quick Reference**

| Coverage | 8-10 Sq.m/lt |
| Touch Dry | 20 mins |
| Recoat Time | 60 mins |
| Max Resistance | 7/28* Days |
| Pot Life | 12 hours |
| Mix Ratio | 9:1 |
| Shelf Life | 12 months |
| Pack Size | 5 & 25 LT |

*FP2-Lo Catalyst 9:1 mix ratio*

---

**FLAMEPRO FP2-Lo**  
Two Pack Class 1 / Class 0 Flame Retardant Lacquer

- British Standard 476 Part 6 + Part 7: 1997 Class 1/Class 0 spread of flame
- Performs similar to an acid-cat system. Low odour formulation
- Good flow & film clarity. Easily re-coatable
- Hardwearing with good marr resistance

---

**ALSO AVAILABLE AS PROMATCH ®**  
FLAMe R etardant
# FLAMEPRO FP 3

Two component Class 1 PU Lacquer (BS 6250)

- Conforms to BS 476 Part 7: 1997 Class 1 spread of flame
- Performs similar to a PU system. BS 6250 Severe Use
- Good flow & film clarity produces a superbly smooth finish
- Top quality mar resistance. Excellent water resistance

<table>
<thead>
<tr>
<th>USES</th>
<th>High quality interior joinery &amp; furniture.</th>
</tr>
</thead>
</table>
| TOPCOAT | FLAMEPRO FP3(PU)Class1 Clear 10%  
FLAMEPRO FP3(PU)Class1 Clear 25%  
FLAMEPRO FP3(PU)Class1 Clear 50%  
FLAMEPRO FP3(PU)Class1 Clear 90% |
| BASECOAT | FLAMEPRO FP3(PU)Class1/0 Sanding Sealer |
| THINNERS | 18805 FPT Thinners  
FLAMEPRO FPT Virgin Thinners  
FLAMEPRO FPT Anti Bloom Thinners |
| CLEANER | ISF Spray Gun Cleaner |
| EQUIPMENT | Conventional airless / airmix or HVLP spray equipment. |
| APPLICATION | Mix 4 Parts FP3 Part A with 1 Part FP3 [No.3 for Clears] Catalyst. Apply a coat of FP3 Sealer, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the FP3 Top Coat & allow to dry. |
| INFORMATION | FLAMEPRO FP3 will not up-grade substrate rating. Test to British Standard 476 Part 7 after a minimum of 28 days*. Catalyst should be used within 6 weeks of delivery. Once opened, Catalyst MUST be used within 7 days. |

<table>
<thead>
<tr>
<th>Quick Reference</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Coverage</td>
<td>8-10 Sq.m/lt</td>
</tr>
<tr>
<td>Touch Dry</td>
<td>15-20 mins</td>
</tr>
<tr>
<td>Recoat Time</td>
<td>2 Hours</td>
</tr>
<tr>
<td>Max Resistance</td>
<td>7/28* Days</td>
</tr>
<tr>
<td>Pot Life</td>
<td>4 Hours</td>
</tr>
<tr>
<td>Mix Ratio</td>
<td>4:1</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>12 months</td>
</tr>
<tr>
<td>Pack Size</td>
<td>5 &amp; 25 LT</td>
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FP3 No.3 Cat  
(For all Clears) 4:1 mix

FP3 No.3 Cat  
(For all Clears) 4:1 mix

<table>
<thead>
<tr>
<th>FLAMEPRO FP 3</th>
<th>Two component Class 1 PU Lacquer (BS 6250)</th>
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<tbody>
<tr>
<td>FLAMEPRO FP3</td>
<td>符合BS 476 Part 7: 1997 Class 1 spread of flame</td>
</tr>
<tr>
<td>FLAMEPRO FP3</td>
<td>与PU系统类似。BS 6250 Severe Use</td>
</tr>
<tr>
<td>FLAMEPRO FP3</td>
<td>良好的流动和清晰度产生出非凡的光滑表面</td>
</tr>
<tr>
<td>FLAMEPRO FP3</td>
<td>高质量的平坦抗刮痕。出色的水抗性</td>
</tr>
</tbody>
</table>

- Conforms to BS 476 Part 7: 1997 Class 1 spread of flame
- Performs similar to a PU system. BS 6250 Severe Use
- Good flow & film clarity produces a superbly smooth finish
- Top quality marr resistance. Excellent water resistance

<table>
<thead>
<tr>
<th>USES</th>
<th>High quality interior joinery &amp; furniture.</th>
</tr>
</thead>
</table>
| TOPCOAT | FLAMEPRO FP3(PU)Class1 Clear 10%  
FLAMEPRO FP3(PU)Class1 Clear 25%  
FLAMEPRO FP3(PU)Class1 Clear 50%  
FLAMEPRO FP3(PU)Class1 Clear 90% |
| BASECOAT | FLAMEPRO FP3(PU)Class1/0 Sanding Sealer |
| THINNERS | 18805 FPT Thinners  
FLAMEPRO FPT Virgin Thinners  
FLAMEPRO FPT Anti Bloom Thinners |
| CLEANER | ISF Spray Gun Cleaner |
| EQUIPMENT | Conventional airless / airmix or HVLP spray equipment. |
| APPLICATION | Mix 4 Parts FP3 Part A with 1 Part FP3 [No.3 for Clears] Catalyst. Apply a coat of FP3 Sealer, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the FP3 Top Coat & allow to dry. |
| INFORMATION | FLAMEPRO FP3 will not up-grade substrate rating. Test to British Standard 476 Part 7 after a minimum of 28 days*. Catalyst should be used within 6 weeks of delivery. Once opened, Catalyst MUST be used within 7 days. |

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<tr>
<td>Shelf Life</td>
<td>12 months</td>
</tr>
<tr>
<td>Pack Size</td>
<td>5 &amp; 25 LT</td>
</tr>
</tbody>
</table>

FP3 No.3 Cat  
(For all Clears) 4:1 mix

FP3 No.3 Cat  
(For all Clears) 4:1 mix
**FLAMEPRO FP7-Lo (Class 0 Top Coat)**  
Two Pack Class 1 / Class 0 Flame Retardant Lacquer

- British Standard 476 Part 6 + Part 7: 1997 Class 1/Class 0 spread of flame
- Performs similar to an acid-cat system. Low odour formulation
- Good flow & film clarity. Easily re-coatable
- Hardwearing with good marr resistance

### USES
Interior joinery & furniture.

### TOPCOAT
- FLAMEPRO FP7-Lo Clear 10% Sheen
- FLAMEPRO FP7-Lo Clear 25% Sheen
- FLAMEPRO FP7-Lo Clear 35% Sheen
- FLAMEPRO FP7-Lo Clear 50% Sheen
- FLAMEPRO FP7-Lo Clear 90% Sheen

### BASECOAT
- FLAMEPRO FP0 BASECOAT  [see over]

### THINNERS
- FLAMEPRO FPT Virgin Thinners
- FLAMEPRO FPT Anti Bloom Thinners

### CLEANER
- ISF Spray Gun Cleaner

### EQUIPMENT
Conventional airless / airmix or HVLP spray equipment.

### APPLICATION
Mix 9 Parts FP7-lo Clear Top Coat Part A with 1 Part B (FP7-Lo Catalyst). Apply onto previously applied FP0 Basecoat. Allow to dry overnight. Once catalysed, thinners not normally necessary, however FPT thinners may be used if required up to a maximum of 5% by volume. Leave to dry overnight prior to packing. Copies of the test reports are available on request.

### INFORMATION
Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours. FLAMEPRO FP7-Lo will not up-grade to Class 1 or Class 0 rating - it will only maintain the rating of the substrate. Please allow 28 days prior to testing to BS 476.

### Quick Reference

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<td>Recoat Time</td>
<td>60 mins</td>
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<td>Max Resistance</td>
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<td>Mix Ratio</td>
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<td>12 months</td>
</tr>
<tr>
<td>Pack Size</td>
<td>5 &amp; 25 LT</td>
</tr>
</tbody>
</table>

FP7-Lo Catalyst  
9:1 mix ratio

- **•** British Standard 476 Part 6 + Part 7: 1997 Class 1/Class 0 spread of flame  
- **•** Performs similar to an acid-cat system. Low odour formulation  
- **•** Good flow & film clarity. Easily re-coatable  
- **•** Hardwearing with good marr resistance

**FLAMEPRO FP7-Lo** (Class 0 Top Coat)  
Two Pack Class 1 / Class 0 Flame Retardant Lacquer

**ALSO AVAILABLE AS PROMATCH®**

**Flame Retardant**
FLAMEPRO FP0 Class 0 Intumescent System

Furniture grade Class 0 Intumescent

- Up-grades to BS 476 Part 6 & 7 Class 0 spread of flame
- Two pack water-borne system
- Good flow & excellent film clarity.
- Furniture grade finish, when over-coated with FP7

USES
Interior joinery & furniture.

TOPCOAT
- FLAMEPRO FP7 Clear 10% Sheen
- FLAMEPRO FP7 Clear 25% Sheen
- FLAMEPRO FP7 Clear 35% Sheen
- FLAMEPRO FP7 Clear 50% Sheen
- FLAMEPRO FP7 Clear 90% Sheen

BASECOAT
- FLAMEPRO FP0 Base Coat

THINNERS
None Required

CLEANER
Water

EQUIPMENT
Conventional airless / airmix or HVLP spray equipment.

APPLICATION
Revolutionary new Class 0 Lacquer which will UP-GRADE to Class 0 rating & offer properties not normally associated with intumescent coatings.
- Fast drying
- Exceptional over-coating times
- Excellent clarity
- Furniture grade finish (FIRA 6250 Severe Use) when over-coated with Clear FP7 Top Coat

FLAMEPRO® FP0 Base Coat is a clear Flame Retardant Intumescent Base Coat for natural hard wood, MDF and veneered MDF. It provides a finish which both protects the wood & highlights its natural beauty. It enables the designer to maintain the overall decorative effect required whilst complying with today's building regulations for fire protection.

FLAMEPRO® FP0 Base Coat is a two pack water-borne system. Mix ratio is 1:1 with the FLAMEPRO FP0 Catalyst.

Method of application onto un-finished solid timbers - 2 easy steps:

**Step 1**
For best results, apply a “very light coat” of FLAMEPRO® FP0 Base Coat [1:1 mix] to a WFT rate of of 4gms/per foot² (40g per m²), 6-12 microns WFT. Allow up to 20-30 minutes to tack off & sand to the desired quality standard.

Important: Film weights applied at over 12 microns will result in a loss of clarity.

**Step 2**
Apply ONE medium to heavy coat of FLAMEPRO® FP7 Top Coat [9:1 mix] at the WFT rate of 8gms/per foot² (80g per m²), 50-70 microns WFT. Apply by conventional spray. Please allow the FP7 Top Coat to dry over-night & then check to the specified sheen level. If a further coat is required to improve the finish, please leave 24 hours (at room temperature) to dry before applying this additional coat. Heating may speed up these timings.

Important: No further coats should be applied as this could effect the formal fire certification.

**Helpful advice:** Where fast production schedules have to be met the FP7 Top Coat may be applied onto the FP0 Base Coat after 30 minutes (even if the base remains slightly tacky)

<table>
<thead>
<tr>
<th>Quick Reference</th>
<th>Coverage</th>
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</thead>
<tbody>
<tr>
<td>Touch Dry</td>
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<td></td>
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<tr>
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<tr>
<td>Max Resistance</td>
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<tr>
<td>Pot Life</td>
<td>5 Hours</td>
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<tr>
<td>Mix Ratio</td>
<td>1:1</td>
<td></td>
</tr>
<tr>
<td>Shelf Life</td>
<td>3 Months</td>
<td></td>
</tr>
<tr>
<td>Pack Size</td>
<td>5 LT</td>
<td></td>
</tr>
</tbody>
</table>

Coverage
8 Sq.m/Lt

Touch Dry
1 Hour

Recoat Time
3 Hours

Max Resistance
N/A

Pot Life
5 Hours

Mix Ratio
1:1

Shelf Life
3 Months

Pack Size
5 LT
the addition of the top coat will speed up the cure reaction of the system & bond the two coats together. This is a unique feature of the ISF Flamepro System.

**When coating pre-varnished materials:**
Please apply a coat of **19670 FP7 (Pre Varnished) Isolator Sealer** - this will not effect the rating of the system but will ensure adhesion of the FP0 Base Coat. This sealer creates an insoluble barrier between the FP0 and the pre-varnished material, after it has been applied it must be left to harden for 1 hour before being overcoated. Please conduct a cross hatch adhesion test before proceeding to ensure there is adequate adhesion - the ISF Laboratory will be happy to assist with this. Please call or email technical@isf.co.uk

**Additional guidelines:**

**Pre-treatment with timber preservatives**
Most proprietary brands of timber preservative are normally suitable, but a test area should be carried out prior to full application.

**Stained Timber**
Use the ISF 300 Range Light Fast Stains. Some very dark stains may appear slightly cloudy when over coated with FLAMEPRO® FP0 Base Coat. To overcome this build coats gradually during application. Carry out a test area before proceeding.

**Areas of high humidity**
FLAMEPRO® FP7 Top Coat is not recommended for use in areas of high humidity (ie bathroom environments) since the combination of heat and moisture may cause a premature breakdown of the coating.

**Previously coated surfaces**
FLAMEPRO® FP0 Base Coat’s unique water-borne formulation enables it to be used on previously varnished surfaces with minimal preparation. Normally a light abrasion is sufficient to ensure adequate adhesion. Carry out a test area before proceeding. Please consult the ISF Technical Department before application.

**External woodwork.**
FLAMEPRO® FP0 Base Coat is not suitable for outdoor use. Please consult the ISF Technical Department before application.

**Health & Safety**
Normal safety procedures for the application of water borne & solvent-based coatings should be carried out (Refer to Health and Safety Data Sheet).

Store the Base Coat above 7° Celsius.

IMPORTANT: Please ensure the product is used within 3 months of purchase.

**FLAMEPRO FP0 Intumescent System** has been tested by The Warrington Research Association to Class 0 rating to BS 476 Part 6 Ref WF163144 (March 2007) & also BS 476 Part 7 Ref 182676 (September 2010).
For further information & certification or advice of application onto pre-coated substrates, please contact the ISF Technical Team on technical@isf.co.uk

**INFORMATION**
Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. Please allow 28 days prior to testing to BS 476.
**AQUABUILD®**

Fast Drying Water-borne System

- ‘Next generation’ water-based self cross-linking lacquer
- Exceptionally fast dry times
- Good flow & film clarity. Easily re-coatable
- Hardwearing with good marr resistance

**USES**

Interior joinery & furniture.

**TOPCOAT**

- AQUABUILD Clear 10% Sheen
- AQUABUILD Clear 15% Sheen
- AQUABUILD Clear 25% Sheen
- AQUABUILD Clear 35% Sheen
- AQUABUILD Clear 50% Sheen
- AQUABUILD Clear 90% Sheen

**BASECOAT**

AQUABUILD Sanding Sealer

**THINNERS**

None Required

**CLEANER**

Water

**EQUIPMENT**

Conventional airless / airmix or HVLP spray equipment.

**APPLICATION**

Store above 7° Celsius. If thinning is required please add a small quantity of water (not Std Thinners). Apply a light coat of AQUABUILD Sealer. Allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat AQUABUILD Top Coat & allow to dry. May be used as a coat on coat system. To enable colour shading AQUABUILD may be tinted with ‘ISF 500 Range Woodstain’, up to a maximum 5% by volume.

**INFORMATION**

Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours.

**Quick Reference**

- **Coverage**: 12-16 Sq.m/lt
- **Touch Dry**: 15-20 mins
- **Recoat Time**: 60 mins
- **Max Resistance**: 7 Days
- **Pot Life**: N/A
- **Mix Ratio**: N/A
- **Shelf Life**: 12 months
- **Pack Size**: 5 & 25 LT

**Water-borne**

- ‘Next generation’ water-based self cross-linking lacquer
- Exceptionally fast dry times
- Good flow & film clarity. Easily re-coatable
- Hardwearing with good marr resistance

**AQUABUILD®**

Fast Drying Water-borne System

**ALSO AVAILABLE AS PROMATCH®**
**USES**
Quality interior joinery & furniture.

**TOPCOAT**
- EUROBUILD Clear 10% Sheen (BS 6250)
- EUROBUILD Clear 25% Sheen (BS 6250)
- EUROBUILD Clear 35% Sheen (BS 6250)
- EUROBUILD Clear 50% Sheen (BS 6250)
- EUROBUILD Clear 90% Sheen (BS 6250)

**BASECOAT**
EUROBUILD Sanding Sealer (BS 6250)

**THINNERS**
None Required

**CLEANER**
Water

**EQUIPMENT**
Conventional airless / airmix or HVLP spray equipment.

**APPLICATION**
Store above 7° Celcius. Thinners not required. Apply a light coat of EUROBUILD Sealer, allow to dry, de-nib & apply another sealer coat as necessary. Then after a further de-nib apply a full even coat of the EUROBUILD Top Coat & allow to dry. May be used as a coat on coat system. For colour shading EUROBUILD may be tinted with 'ISF 500 Range Woodstain', up to a maximum 5% by volume.

**INFORMATION**
Please ensure that the total system film thickness (DFT) does not exceed 150 microns. Always lightly sand between coats to assist adhesion. Maximum 2 coats in any 8 hours. In order to obtain the BS 6250 Severe Use rating, use two coats of Eurobuild Sanding as a basecoat.

**Quick Reference**

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<th>Coverage</th>
<th>14-18 Sq.m/lt</th>
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<tbody>
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<td>N/A</td>
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<tr>
<td>Mix Ratio</td>
<td>N/A</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>12 months</td>
</tr>
<tr>
<td>Pack Size</td>
<td>5 &amp; 25 LT</td>
</tr>
</tbody>
</table>

**Water-borne**

- ‘Top of the range’ water-borne clear lacquer system
- Good marr resistance, Conforms to BS6250 Severe Use
- Fast cure times with excellent flowout & re-coat properties
- High build formulation reduces number of required coats

**EUROBUILD®**
Clear water-borne Compliant lacquer (BS6250 Severe Use)

- Water-borne
- ‘Top of the range’ water-borne clear lacquer system
- Good marr resistance, Conforms to BS6250 Severe Use
- Fast cure times with excellent flowout & re-coat properties
- High build formulation reduces number of required coats

**EN71**
### SIRCA Interior Water Based Promatch

**Bi-component (optional) water based system**

**USES**
High quality kitchen & bedroom furniture, general interior joinery

**BASECOAT**
- FWP I130 Primer White
- CW1 Catalyst (optional at 10%)

**TOPCOAT**
- CRWB (Clear base) Promatch Shades
- OWBP (White base) Promatch Shades

**PART B**
- CW1S02 Catalyst (10%)

**THINNERS**
None usually required, water as necessary

**CLEANER**
Water

**EQUIPMENT**
Conventional airless / airmix or HVLP spray

**APPLICATION**
Apply one or two coats of FWPI130 primer allowing 1 hour between coats. Before sanding leave to dry for 6-8 hours. De-nib using 320 grit paper. Once dry spray a full even coat of Sirca Promatch Top Coat.

**INFORMATION**
FWPI130 is a white water based primer formulated for the coating of MDF and interior joinery. General characteristics of this product are high covering and excellent sanding. The characteristics of the Promatch Top Coats are fast drying speeds, very good resistance to yellowing, good anti-scratch resistance and hardness.

### Quick Reference

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<th>Coverage</th>
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<tbody>
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<td>Touch Dry</td>
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<tr>
<td>Mix Ratio</td>
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<td>Shelf Life</td>
<td>12 months</td>
</tr>
<tr>
<td>Pack Size</td>
<td>5 &amp; 25 LT</td>
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</table>

**Water-borne**

- Exceeds BS 6250 Severe Use rating
- Clear system has excellent transparency
- Excellent chemical resistance
- Formulated for the kitchen & furniture market
SIRCA Interior Water Based Clear
Single pack water based system

- Exceeds BS 6250 Severe Use rating
- Clear system has excellent transparency
- Excellent chemical resistance
- Formulated for the kitchen & furniture market

**USES**
High quality kitchen & bedroom furniture, general interior joinery

**TOPCOAT**
- OWO98g10 Clear Matt
- OWO98g20 Clear Satin
- OWO98g50 Clear Semi
- OWO98g80 Clear Gloss

**BASECOAT**
Coat on coat application

**THINNERS**
None usually required, water as necessary

**CLEANER**
Water

**EQUIPMENT**
Conventional airless / airmix or HVLP spray

**APPLICATION**
Apply two or three coats OWO98 Lacquer, de-nibbing between coats with 240 grit paper. Sprayed product should be stackable within 6-8 hours. Application of a water based stain acceptable beforehand if required

**INFORMATION**
- OWO98G is a coat on coat material is characterised by good hardness excellent transparency, good chemical resistance, fast drying times, good definition of the pore and is easy to apply.
- Do not apply at temperatures below 15°C
- Do not apply with relative humidity higher than 85%

**Quick Reference**

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<tr>
<th>Coverage</th>
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<tr>
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<tr>
<td>Mix Ratio</td>
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<tr>
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Water-borne

- Exceeds BS 6250 Severe Use rating
- Clear system has excellent transparency
- Excellent chemical resistance
- Formulated for the kitchen & furniture market

**BASECOAT**
Coat on coat application

**THINNERS**
None usually required, water as necessary

**CLEANER**
Water

**EQUIPMENT**
Conventional airless / airmix or HVLP spray

**APPLICATION**
Apply two or three coats OWO98 Lacquer, de-nibbing between coats with 240 grit paper. Sprayed product should be stackable within 6-8 hours. Application of a water based stain acceptable beforehand if required

**INFORMATION**
- OWO98G is a coat on coat material is characterised by good hardness excellent transparency, good chemical resistance, fast drying times, good definition of the pore and is easy to apply.
- Do not apply at temperatures below 15°C
- Do not apply with relative humidity higher than 85%
**PROFLOR Aqua**

Single pack water-borne floor finish

- High performance water-borne finish for wooden floors
- Good marr resistance, Conforms to BS6250 Severe Use
- Fast cure times with excellent flowout properties
- Good film clarity. Easily re-coatable. Low odour formulation

<table>
<thead>
<tr>
<th>USES</th>
<th>Interior untreated or new wooden flooring.</th>
</tr>
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<tbody>
<tr>
<td>TOPCOAT</td>
<td>Proflor Aqua Clear 10% Sheen</td>
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<tr>
<td></td>
<td>Proflor Aqua Clear 25% Sheen</td>
</tr>
<tr>
<td></td>
<td>Proflor Aqua Clear 35% Sheen</td>
</tr>
<tr>
<td></td>
<td>Proflor Aqua Clear 50% Sheen</td>
</tr>
<tr>
<td></td>
<td>Proflor Aqua Clear 90% Sheen</td>
</tr>
<tr>
<td>BASECOAT</td>
<td>Coat on Coat</td>
</tr>
<tr>
<td>THINNERS</td>
<td>None Required</td>
</tr>
<tr>
<td>CLEANER</td>
<td>Pro-Flor REVIVER</td>
</tr>
<tr>
<td>EQUIPMENT</td>
<td>By brush, roller or conventional spray equipment.</td>
</tr>
<tr>
<td>APPLICATION</td>
<td>Store above 7° Celcius. Correct surface preparation is of great importance. Substrate must be totally dry &amp; free from grease, dirt or other surface contaminants. It is advisable to test a small area first. <strong>PROFLOR Aqua</strong> is a coat on coat system. Any air bubbles visible during application will disappear on drying. <strong>PROFLOR Aqua</strong> is self levelling and will flow out to leave a clear level film. Use 320 grit paper for sanding between coats. 2-3 coats are normally required depending on porosity of the substrate. Clean all equipment thoroughly with WATER after use.</td>
</tr>
<tr>
<td>INFORMATION</td>
<td>Very important: Ensure surface is prepared correctly. Surface must be clean from residual wax, dry &amp; dust free. Apply a maximum of two coats in any working day.</td>
</tr>
</tbody>
</table>

<table>
<thead>
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<td>Max Resistance</td>
<td>7 Days</td>
</tr>
<tr>
<td>Pot Life</td>
<td>N/A</td>
</tr>
<tr>
<td>Mix Ratio</td>
<td>N/A</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>12 months</td>
</tr>
<tr>
<td>Pack Size</td>
<td>5 &amp; 20 LT</td>
</tr>
</tbody>
</table>

**Floor Finishes**
PROFLOR Duo
Two pack solvent based floor finish

- High performance solvent based finish for wooden floors
- Good marr resistance, Conforms to BS6250 Severe Use
- Excellent flow & film clarity. Easily re-coatable
- Good resistance to abrasion & domestically used chemicals

USEs
Interior untreated or new wooden flooring.

TOPOCoAT
- Proflor Duo Clear 10% Sheen (BS 6250)
- Proflor Duo Clear 25% Sheen (BS 6250)
- Proflor Duo Clear 35% Sheen (BS 6250)
- Proflor Duo Clear 50% Sheen (BS 6250)
- Proflor Duo Clear 90% Sheen (BS 6250)

BASECOAT
Coat on Coat

THINNERS
None Required

CLEANER
ISF Spray Gun Cleaner

EQUIPMENT
By brush, mohair roller, mop or conventional spray equipment.

APPLICATION
Substrate must be totally dry & free from grease, dirt or other surface contaminants. It is advisable to test a small area first. PROFLOR Duo is a coat on coat system. Use 320 grit paper for sanding between coats. 2-3 coats are normally required depending on porosity of the substrate.

INFORMATION
Very Important: Ensure surface is prepared correctly. Surface must be clean from residual wax, dry and dust free. Maximum DFT (dry film thickness) must not exceed a total of 150 microns.

Quick Reference

Coverage
7-9 Sq.m/lt

Touch Dry
20 mins

Recoat Time
90 mins

Max Resistance
7 Days

Pot Life
24 Hours

Mix Ratio
9:1

Shelf Life
12 months

Pack Size
5 & 25 LT

PF Duo Catalyst
9:1 mix ratio
WOODSTAIN - COMPLIANT
The 500 Range - Water-borne woodstains

- Fully Compliant to latest EPA legislation
- Strong even colour with good UV light fastness
- Overcoatable with all ISF clear systems
- Fast drying & easily re-coatable for speedy production

Quick Reference

<table>
<thead>
<tr>
<th>Coverage</th>
<th>4-8 Sq.m/lt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch Dry</td>
<td>10-15 mins</td>
</tr>
<tr>
<td>Recoat Time</td>
<td>2 mins</td>
</tr>
<tr>
<td>Max Resistance</td>
<td>N/A</td>
</tr>
<tr>
<td>Pot Life</td>
<td>N/A</td>
</tr>
<tr>
<td>Mix Ratio</td>
<td>N/A</td>
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<tr>
<td>Shelf Life</td>
<td>12 months</td>
</tr>
<tr>
<td>Pack Size</td>
<td>5, 25 &amp; 200LT</td>
</tr>
</tbody>
</table>

USES
Joinery & furniture.

TOPCOAT
Waterstain Promatch
501 Medium Oak Waterstain
502 Dark Oak Waterstain
503 Jacobean Waterstain
504 Light Mahogany Waterstain
505 Brown Mahogany Waterstain
506 Dark Mahogany Waterstain
507 Walnut Waterstain
508 Teak Waterstain
509 Rosewood Waterstain
510 Honey Pine Waterstain
511 Antique Pine Waterstain
512 Red Mahogany Waterstain
513 Light Oak Waterstain
514 Ebony Waterstain
515 Cherry Waterstain
516 Golden Oak Waterstain
517 Rich Mahogany Waterstain
518 Antique Mahogany Waterstain
519 Antique Yew Waterstain
520 Natural Mahogany Waterstain
521 Lime Green Waterstain
522 Fire Red Waterstain
523 Orange Waterstain
524 Black Istani (conc) Waterstain
525 Sunflower Yellow Waterstain
526 Stripped Pine Waterstain
527 Kenilworth Oak Waterstain
528 Plum Mahogany Waterstain
529 Ocean Blue Waterstain

BASECOAT
N/A

THINNERS
Thin with water if a weaker shade is required.

CLEANER
Water followed by ISF Spray Gun Cleaner

EQUIPMENT
Rag, brush, Conventional airless / airmix or HVLP spray equipment.

APPLICATION
No Thinners required. Apply a full even coat of 500 Stain. Apply a further coat to achieve desired shade. After drying apply ISF sealer & lacquer - type to be determined by end-use requirement. Coverage will be governed by porosity of the substrate & colour chosen. For colour shading these woodstains may be used to tint clear water-borne lacquer systems (up to 5% by volume).

INFORMATION
Please ensure product is kept in sealed containers as it could be open to atmospheric bacterial attack in open containers. Also available in 1000Lt Kegs.
WOODSTAIN - SOLVENT BASED
The 300 Range - Solvent based woodstains

- Formulated with the highest quality dye stuffs
- Strong even colour with good UV light fastness
- Overcoatable with all ISF clear systems
- Excellent drying in all conditions. Easily re-coatable

Quick Reference

<table>
<thead>
<tr>
<th>Coverage</th>
<th>4-8 Sq.m/lt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch Dry</td>
<td>2-5 mins</td>
</tr>
<tr>
<td>Recoat Time</td>
<td>10 mins</td>
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<tr>
<td>Max Resistance</td>
<td>N/A</td>
</tr>
<tr>
<td>Pot Life</td>
<td>N/A</td>
</tr>
<tr>
<td>Mix Ratio</td>
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<td>12 months</td>
</tr>
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<td>Pack Size</td>
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</tr>
</tbody>
</table>

USES
Joinery & furniture.

TOPCOAT
- Light Fast Woodstain Promatch
- 301 Medium Oak Woodstain
- 302 Dark Oak Woodstain
- 303 Jacobean Woodstain
- 304 Light Mahogany Woodstain
- 305 Brown Mahogany Woodstain
- 306 Dark Mahogany Woodstain
- 307 Walnut Woodstain
- 308 Teak Woodstain
- 309 Rosewood Woodstain
- 310 Honey Pine Woodstain
- 311 Antique Pine Woodstain
- 312 Red Mahogany Woodstain
- 313 Light Oak Woodstain
- 314 Ebony Woodstain
- 315 Cherry Woodstain
- 316 Golden Oak Woodstain
- 317 Rich Mahogany Woodstain
- 318 Antique Mahogany Woodstain
- 319 Antique Yew Woodstain
- 320 Natural Mahogany Woodstain
- 321 Lime Green Woodstain
- 322 Fire Red Woodstain
- 323 Orange Woodstain
- 324 Black Istani (conc)
- 325 Sunflower Yellow Woodstain
- 326 Stripped Pine Woodstain
- 327 Kenilworth Oak Woodstain
- 328 Plum Mahogany Woodstain
- 329 Ocean Blue Woodstain

BASECOAT
N/A

THINNERS
Thin with ISF 300 LFS Diluant if weaker shade is

CLEANER
ISF Spray Gun Cleaner

EQUIPMENT
Rag, brush, Conventional airless / airmix or HVLP spray equipment.

APPLICATION
Apply a full even coat. Allow to dry. Add a further coat to achieve the desired shade.
Coverage will be governed by porosity of the substrate & colour chosen. After drying apply
ISF sealer & lacquer type to be determined by end user requirement. For colour shading
these woodstains may be used to tint clear solvent based lacquer systems (up to 5% by
volume).

INFORMATION
Also available in 1000Lt kegs.
Wood Stain

COLOUR CHART

300 Range - Solvent based

315 Cherry

316 Golden Oak

317 Rich Mahogany

318 Antique Mahogany

319 Antique Yew

320 Natural Mahogany

324 Black Istani (conc)

500 Range - Water-borne

321 Lime Green

322 Fire Red

323 Orange

325 Sunflower Yellow

327 Kenilworth Oak

328 Plum Mahogany

329 Ocean Blue

300 Range - Solvent based

500 Range - Water-borne
We believe our wide range of bespoke special effects is “second to none...!”

**Metallics + Iridescent Pearlescent’s**
We produce a limitless colour range of top quality metallic & pearl effects

**Glitter**
We carry a wide range of both gold & silver glitters

**Fluorescents**
We carry a wide range of fluorescent pigments, all should be applied onto a white base!

**Marble & Antique Effects**
Highly popular with today’s designers

**Textured Finish**
Our textured finish range from very fine to very coarse grades

For samples & further information:
Please contact sales@isf.co.uk or your local ISF Area Sales Manager.
**Patina & Limed Effects**
Grain of the wood is hugely enhanced in this way - again, available in most colours

**Cobweb**
A very ‘modern look’ - specified by vehicle manufacturers as an alternative to traditional ‘wood look’ interiors

**Crackolac**
This two-tone effect has wide appeal. A wide range of Top coat & base colour variants can combine to give very decorative results

**Spatter Finish**
Very popular two application effect

**Sparkle Finish**
Makes display units really stand out from the crowd

**Hammer Finish**
Traditional, but still popular finish - available in a wide range of colours