Perfection Pro

Developed by Professionals for Professionals
Developed by professionals for professionals

Perfection Pro is the newest addition to the International range of topcoats. It takes the consistently high performance that you know and expect from Perfection and raises it to another level.

Developed specifically for professionals, Perfection Pro is a two part polyurethane topcoat formulated to deliver a long lasting mirror-like high gloss, high performing finish. Its high performance formula ensures Perfection Pro has superb protection from the detrimental effects of UV and it is resistant to fuel, oil and mild acids and detergents.

Available in an extensive range of colours, Perfection Pro can be applied by spray or brush and roller application and is suitable for use on any substrate.

As well as delivering an outstanding finish and improved in-service performance, Perfection Pro is a whole new concept in paint delivery from International through its revolutionary paint mixing system sited in-situ at local distributors. The Perfection Pro mixing system provides concentrated tint bases that are then mixed with binders to create Perfection Pro: on-site, on-demand, providing flexibility & choice.

**Instant availability:**
- On site availability of the International Paint Mixing System at distributors means Perfection Pro can be made on-demand, in any one of the many colours from the Perfection Pro range and tailored to either spray or brush and roller application.

**Increased choice of colour:**
- The Perfection Pro colour range is available in an extensive new range of colours, as well as the well-known classic Perfection colours.
- The Perfection Pro range has been developed using the RAL colour range, meaning instant access to hundreds of colours.

**Available in 2 different versions:**
1. A brush & roller base specifically optimised for easy application using traditional methods.
2. A spray base, specifically developed for air atomised spray application.

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<th>BENEFITS</th>
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<td>• 2:1 mix ratio. Suitable for any substrate</td>
<td>• Easy to mix and apply, whatever the surface</td>
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<td>• 2 product versions: spray or brush &amp; roller</td>
<td>• Optimised performance for every application technique</td>
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<td>• Superior DOI &amp; flow</td>
<td>• An excellent mirror-like finish which is easy and quick to apply. Results are outstanding and labour time is kept to a minimum</td>
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<td>• Improved product performance</td>
<td>• Improved gloss &amp; colour retention with improved UV resistance</td>
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<td>• Increased colour range</td>
<td>• An extensive range of new colours available as well as the classic Perfection colour range</td>
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<td>• On-site mixing machines</td>
<td>• Reduced waiting time and increased availability</td>
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<th>ASSOCIATED PRODUCTS</th>
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<td><strong>Type</strong></td>
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<td>Curing Agent</td>
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<td>Spray Thinner</td>
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COLOUR RANGE
The new Perfection Pro range of colours has been developed by our expert colour scientists based on industry recognized RAL colours. The large range of colours means Perfection Pro has the colour for you! All accredited stockists of the Perfection Pro mixing system have been comprehensively trained, giving you and your customers the assurance of outstanding quality and finish every time. The full Perfection Pro colour range can be viewed at your local distributor, or by visiting www.yachtpaint.com

BRUSH & ROLLER BINDER PAINT
The Perfection Pro Brush & Roller Binder has been specifically optimised to eliminate aeration during mixing and application for an improved flow. The tailored solvent blend has been developed to increase flow and improve wet edge time to make application easier.

While the product may be brush applied, exceptional finishes have been observed when applied by roller only (no tipping).
Perfection Pro Brush & Roller base is mixed in a 2:1 ratio with the Perfection Pro Curing Agent and is available in all Perfection Pro and classic Perfection colours.

SPRAY BINDER PAINT
The Perfection Pro Spray Binder has been formulated for optimum application using air atomised spray equipment. For best results, conventional or compliant (reduced pressure) equipment should be used.
Perfection Pro Spray base is mixed in a 2:1 ratio with the Perfection Pro curing agent and is available in all Perfection Pro and classic Perfection Colours.

PRODUCT DATA
Product Code & Colour
NEW Perfection Pro Colours:
The new Perfection Pro colour range is coded YSC050 – YSC245. To find your required colour code please consult your local sales representative, review the Perfection Pro colour fan deck, or visit www.yachtpaint.com

Classic Perfection Colours:
YSC033 Snow White, YSC034 Matterhorn White, YSC035 Flag Blue, YSC036 Royal Blue, YSC037 Rochelle Red, YSC038 Jet Black, YSC039 Platinum, YSC040 Mediterranean White, YSC041 Off White, YSC042 Jade Mist Green, YSC043 Mauritius Blue, YSC044 Cream, YSC045 Fighting Lady Yellow, YSC046 Oyster White, YSC047 Arctic White, YSC048 Pearl White, YSC049 Lauderdale Blue

Coverage @ 50 microns WFT (mixed paint, no thinner):
Spray application: 13.2m²/ltr
Application:
Suitable for Professional use only. By spray, brush and roller. Note: Perfection Pro Brush & Roller Application can be rolled without tipping
Application Temperature: 5°C (41°F) to 30°C (86°F)
Coats Required: 2-3
VOC: Between 421 & 483g/ltr (with curing agent)
Unit Size: 1 US Gallon (3.785ltr), 1 US Quart (0.946ltr)

COMPATIBILITY
• Perfection Pro can be applied to all substrates including wood, GRP, Steel and Aluminium when an appropriate primer is applied.
• Perfection Pro should not be used over any one-pack products.
• Perfection Pro is not suitable for permanently immersed surfaces.
• Do not use Perfection Pro on flexible constructions.

Note: When using Perfection Pro, it is important to use the right base paint for your application method. Specific bases have been developed for either spray, or brush and roller application. Using the incorrect type of base could lead to application inconsistencies.
SYSTEM
Typical International® scheme for all substrates

Brush & Roller Application of Perfection Pro:
- Apply 2-3 coats of Perfection Pro.
- Once the product has been mixed 2:1 by volume with curing agent, Brushing Thinner 100 can be added up to 20% by volume of the overall mix. Most applications will only require 5-10% thinner, however in hot temperatures or where significant airflow is present, additional thinner can be added.
- The first coat should be applied in a smooth, uniform coat of approximately 75-100 microns Wet Film Thickness (WFT). Care should be taken not to ‘overwork’ the product but to allow the paint to flow naturally. Initial flow will continue for up to 30 minutes.
- It is recommended that prior to application of the second coat that the surface is finely abraded with an abrasive pad or lightly sanded with P400 to remove the gloss. Not only does this help to remove any dust inclusions but it also helps with surface wetting of the second coat. If no preparation is carried out prior to the second coat, an additional 5% of solvent may be required to help wetting out of the surface.
- For most colours, two coats is sufficient to achieve full opacity, however for optimal performance and longevity it is recommended to apply a third and final coat. Aesthetically it is a good idea to lightly sand the second with P400 prior to application of the final coat. This will provide improved application properties but will also minimise the surface texture built up in the first few coats.

Spray Application of Perfection Pro:
- Apply 2-3 coats of Perfection Pro.
- After mixing 2:1 by volume with the curing agent, reduce using International Thinner 910 to a viscosity of 14-15 seconds using a DIN 4 viscosity cup. This is normally achieved with 25-33% by volume. Thinner 910 is suitable for use between 15-25°C.
- For high temperature applications (or those with increased airflow) a blend of Thinner 910 and Thinner 100 may be used. This can be adjusted to the specific environment, however for temperatures over 25°C a blend of 75 : 25 (mix 75% Thinner 910 with 25% Thinner 100) is recommended. Blend the solvents together first and then reduce Perfection Pro to 14-15 seconds through a DIN 4 viscosity cup.

Application Guide
Preparation: Previously painted surfaces
In good condition: Wash down with Wipe Down Solvent 600 (ITA075), rinse with fresh water and allow to dry. Abrade with 400 grade (grit) paper.
In poor condition: Remove all previous coatings and prime the substrate.
Priming: For detail on priming of substrates, please see the appropriate primer datasheet, available on www.yachtpaint.com
- Bare wood: Prime with Interprotect®/Interprime 820
- Steel: Prime with Interprotect/Interprime 820
- Aluminium: Prime with Interprotect/Interprime 820
- GRP: No priming is necessary. Wash down with Wipe Down Solvent 600 (ITA075), rinse with fresh water and allow to dry. Sweep blast or abrade with 180-220 grade paper.
- Aged or Weathered Gelcoats: Due to the potentially porous nature of aged/weathered gelcoats the risk of solvent/moisture entrapment after painting is much higher than when gelcoat is new. As a result this entrapment could lead to blistering of the paint film. To reduce the risk of paint film blistering it is recommended that 3 coats of Interprotect/Interprime 820 are applied to seal the gelcoat. Interprotect or Interprime 820 must be overcoated with Perfection Undercoat prior to topcoat application.
- All substrates: Use Perfection Undercoat and sand smooth with 320-400 grade (grit) dry paper. Wet paper can be used (400 grade) but will be more aggressive. Remove dust with a tack rag.