

Flattening Agent for Two Part Polyurethanes

Finishes

Flattening Agent for Two Part Polyurethanes



PRODUCT DESCRIPTION

Interlux Flattening Agent for Two Part Polyurethanes is used to reduce the gloss of Perfection or Perfection Plus, from a high gloss down to a semi-gloss or a flat finish.

PRODUCT INFORMATION

Color	YZM914*-Translucent
Specific Gravity	0.99
Volume Solids	44%
Mix Ratio	3:1 by volume (YZM914:YZA901)
Typical Shelf Life	2 yrs
VOC (As Supplied)	575 g/lit
Unit Size	1 US Quart (mixed Part A & Part B)

DRYING/OVERCOATING INFORMATION

Drying

Overcoating

Substrate Temperature

Overcoated By	41°F (5°C)		50°F (10°C)		73°F (23°C)		95°F (35°C)	
	Min	Max	Min	Max	Min	Max	Min	Max

APPLICATION AND USE

Preparation Follow the surface preparation instructions shown on the label of the finish or varnish to which the Flattening Agent for Two Part Polyurethanes is being added.

Method Read the Health and Safety Data Sheet and/or the Safety Precautions section of the label before use. Stir individual products prior to mixing. The level of gloss will decrease where the amount of Flattening Agent for Two Part Polyurethanes is increased. See 'Mixing' for guidelines on addition levels. Apply the standard finish first and finish off with the mixed (matted) material as a last coat, or apply multiple coats until full opacity is achieved.

Hints **Mixing** Mix part A (base) and part B (curing agent) of the Flattening Agent for Two Part Polyurethanes (3:1 mix ratio by volume). Allow to stand for 5 minutes to allow entrapped air and gases to escape. Mix part A (base) and part B (curing agent) of the two part polyurethane that is to be matted. Allow to stand for 5 minutes to allow entrapped air and gases to escape. Add required amount of Flattening Agent for Two Part Polyurethanes. Stir thoroughly.

GUIDELINES ARE AS FOLLOWS:

Perfection and Perfection Plus: 2 parts mixed finish : 1 part mixed Flattening Agent = Semi Gloss. 1 part mixed finish : 1 part mixed Flattening Agent = Satin. 1 part mixed finish : 2 parts mixed Flattening Agent = Flat.

Test applications are recommended before proceeding. The actual levels of Flattening Agent for Two Part Polyurethanes required may vary somewhat from color to color. It should also be noted that the exact gloss level achieved will vary slightly with film build applied. If sprayed slightly dry and with thin coats, the gloss will be less than for more heavily applied wet coats.

Thinner

Spray - Reducing Solvent 2316N.
Brush/Roller - Brush Thinner 2333N.

Thinning Check viscosity of the matted product and then follow thinning guidelines for the product to which the Flattening Agent for Two Part Polyurethanes has been added. The addition of Flattening Agent for Two Part Polyurethanes may reduce the level of solvent required for spraying.

Conventional Spray Follow spray guidelines for the product to which Flattening Agent for Two Part Polyurethanes has been added.

Other It is recommended that reduced gloss level products are sprayed to ensure a uniform finish.

Some Important Points

Flattening Agent for Two Part Polyurethanes will provide a reduced mar-resistant finish and therefore should not be used on walkways etc. The use of Flattening Agent for Two Part Polyurethanes should preferably be restricted to interior applications as under some conditions reduced gloss level finishes may show limited exterior life expectancy. The addition of Flattening Agent for Two Part Polyurethanes will affect the opacity of the topcoat. For best finish, apply the first 1-2 coats with full gloss finish, then add the flattening agent to the final coat. Product temperature should be no

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less than 15°C/59°F and maximum 35°C/95°F. Ambient temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Substrate temperature should be minimum 5°C/41°F and maximum 35°C/95°F.

Compatibility/Substrates

Suitable for use with Perfection and Perfection Plus. Not suitable for single pack enamels or varnishes. When using in clear coat finishes, the matting agent the Flattening Agent may show in the clear finish.

Application Methods

Conventional Spray

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage

TRANSPORTATION:

Flattening Agent for Two Part Polyurethanes should be kept in securely closed containers during transport and storage.

STORAGE:

Exposure to air and extremes of temperature should be avoided. For the full shelf life of Flattening Agent for Two Part Polyurethanes to be realised ensure that between use the container is firmly closed and the temperature is between 5°C/41°F and 35°C/95°F. Keep out of direct sunlight.

Safety

DISPOSAL:

Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal.

Remainders of Flattening Agent for Two Part Polyurethanes cannot be disposed of through the municipal waste route or dumped without permit. Disposal of remainders must be arranged for in consultation with the authorities.

GENERAL:

Read the label safety section for Health and Safety Information, also available from our Technical Help Line.

IMPORTANT NOTES

The performance of any marine paint or coating depends on many factors outside the control of International Paint LLC., including surface preparation, proper application, and environmental conditions. Therefore, International Paint LLC. cannot guarantee this product's suitability for your particular purpose or application. IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND/OR MERCHANTABILITY ARE EXCEEDED. International Paint Inc. SHALL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. By purchase of this product, the buyer agrees that the sole exclusive remedy, if any, is limited to the refund of the purchase price or replacement of the product at International Paint LLC. option.

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