RELEST® Wind Adhesion Promoter

International

Polyurethane

PRODUCT DESCRIPTION

Product Code: Base (RLA712, I367-0080) / Hardener (RLA606, I385-0159)

RELEST Wind Adhesion Promoter is a two component polyurethane material designed as an adhesion promoter for PVC, aluminium cast, CDC, PMMA and GRP based on epoxy or polyester.

INTENDED USES

RELEST Wind Adhesion Promoter is especially suited for use in combination with wear protection coatings for rotor blades, such as RELEST Wind Leading Edge Protection.

PRACTICAL INFORMATION FOR RELEST WIND ADHESION PROMOTER

Colour	Colourless
Gloss Level	Gloss
Volume Solids	29%
Theoretical Coverage	29 m²/litre at 10 microns d.f.t and stated volume solids 1163 sq.ft/US gallon at 0.4 mils d.f.t and stated volume solids. Corresponds to approx. 29.59 m²/kg
Practical Coverage	Allow appropriate loss factors
Density	0.98 kg/l (Mixed)
Method of Application	Roller

Drying Time

			Overcoating Interval with recommended topcoats	
Temperature	**Touch Dry**	**Hard Dry**	*Minimum*	*Maximum*
18°C (64°F)	*	*	20 minutes	6 hours
23°C (73°F)	*	*	20 minutes	6 hours
35°C (95°F)	*	*	15 minutes	2 hours

* Touch dry and hard dry information is not applicable for RELEST Wind Adhesion Promoter

- The figures quoted above have been determined at:
  18°C / 30% RH 23°C / 65% RH 35°C / 85% RH

REGULATORY DATA

Flash Point (Typical)	Part A 32°C; Part B 27°C	
Product Weight	0.98 kg/l (8.2 lb/gal)	
VOC	VOC (Base)	679 g/kg EU Solvent Emission Directive (Council Directive 2010/75/EU)
	VOC (Hardener)	600 g/kg EU Solvent Emission Directive (Council Directive 2010/75/EU)
	VOC (Mixed)	653 g/kg EU Solvent Emission Directive (Council Directive 2010/75/EU)

See Product Characteristics section for further details

RELEST® Wind Adhesion Promoter

Polyurethane

SURFACE PREPARATION

Substrates must be clean, dry, and free from dust parting agents and other soiling.

Substrates must be sanded with fine abrasive sandpaper (e.g. 180 grit size) before application of RELEST Wind Adhesion Promoter.

APPLICATION

Mixing

Material is supplied in two containers as a unit. Empty the contents of the hardener (Part B) into the base (Part A) container and mix thoroughly using a low speed stirrer. Smaller quantities should be mixed manually.

Ensure that as little air is incorporated into the material as possible.

Mix Ratio

Using Part B RELEST Hardener PUR 159 (385-0159):
2 part(s) : 1 part(s) by volume
2 part(s) : 1 part(s) by weight

Working Pot Life

18°C (64°F)	23°C (73°F)	35°C (95°F)
45 minutes	45 minutes	45 minutes

- The figures quoted above have been determined at:
  18°C / 30% RH 23°C / 65% RH 35°C / 85% RH

Airless Spray

Not recommended

Brush

Suitable

Roller

Recommended

Use foam rollers. Before use, loose particles should be removed from new rollers by means of adhesive tape. RELEST Wind Adhesion Promoter should be applied swiftly and evenly without adding thinner.

Thinner

DO NOT THIN

Cleaner

RELEST Thinner PUR 307

Work Stoppages

Thoroughly clean all equipment with RELEST Thinner PUR 307. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units.

Clean Up

Clean all equipment immediately after use with RELEST Thinner PUR 307.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

RELEST® Wind Adhesion Promoter

Polyurethane

PRODUCT CHARACTERISTICS

For optimum application and drying characteristics, the air and substrate temperature should be between 15°C (59°F) and 35°C (95°F) and relative humidity less than 85%. Good air flow and ventilation should be maintained to improve drying and recoat properties and speed up the application. Application at temperatures below 15ºC (59ºF) will retard drying and extend overcoatings intervals.

When applying RELEST Wind Adhesion Promoter in confined spaces ensure adequate ventilation.

Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Note: VOC values are typical and are provided for guidance purpose only. These may be subject to variation depending on factors such as differences in colour and normal manufacturing tolerances.

Low molecular weight reactive additives, which will form part of the film during normal ambient cure conditions, will also affect VOC values determined using EPA Method 24.

SYSTEMS COMPATIBILITY

For suitable primers/intermediates, consult your local representative.

RELEST® Wind Adhesion Promoter

Polyurethane

ADDITIONAL INFORMATION

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following documents available at www.international-pc.com:

- Definitions & Abbreviations
- Surface Preparation
- Paint Application
- Theoretical & Practical Coverage

Individual copies of these information sections are available upon request.

SAFETY PRECAUTIONS

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on this sheet, the Safety Data Sheet and the container(s), and should not be used without reference to the Safety Data Sheet (SDS).

All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety & Environmental standards and regulations.

In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation.

If in doubt regarding the suitability of use of this product, consult AkzoNobel for further advice.

PACK SIZE

Base Weight	Volume	Pack	Hardener Weight	Volume	Pack
1kg	1.01L	1L	1kg	1.03L	1L

SHIPPING WEIGHT (TYPICAL)

Base Gross Weight	Hardener Gross Weight
1.13kg	1.14kg

STORAGE	Shelf Life	18 months minimum at 25°C (77°F) in original, unopened containers. Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition. Protect from frost.

Important Note

www.international-pc.com