RELEST® Wind Putty Porefiller International

Polyurethane

PRODUCT DESCRIPTION

Product Code: Base (RLA401, I372-5615) / Hardener (RLA602, I385-0013)

A hard solvent-free polyurethane pore filler. RELEST Wind Putty Porefiller is UV- and weather-resistant with very fast drying properties and long workable life.

INTENDED USES

As a filler for small pores.

RELEST Wind Putty Porefiller has excellent adhesion to EP Laminate, RELEST Wind Fillers, RELEST Wind Gelcoat and RELEST Wind Topcoats.

PRACTICAL INFORMATION FOR RELEST WIND PUTTY POREFILLER

Colour	Blue
Gloss Level	Gloss
Volume Solids	99.5%
Typical Thickness	Not applicable
Practical Coverage	Allow appropriate loss factors
Density	1.33 g/cm³ (Mixed)
Method of Application	Roller, Brush, Metal Bladed Squeegee

Drying Time

			Overcoating Interval with recommended topcoats	
Temperature	**Touch Dry**	**Hard Dry**	*Minimum*	*Maximum*
20°C (68°F)	45 minutes	180 minutes	90 minutes	8 hours
23°C (73°F)	20 minutes	140 minutes	60 minutes	8 hours
35°C (95°F)	10 minutes	40 minutes	40 minutes	8 hours

- Touch Dry and Hard Dry are equivalent to TG1 and TG7 respectively, according to ISO 9117-5
- Drying times will depend on the substrate temperature and ventilation.
- The figures quoted above have been determined at:
  20°C / 30% RH 23°C / 65% RH 35°C / 85% RH
- If the maximum overcoating interval is exceeded, the surface must be thoroughly sanded using abrasive paper of grit 180-240 before further overcoating.

REGULATORY DATA

Flash Point (Typical)	Part A 100°C (212°F); Part B >99°C (210°F)	
Product Weight	1.33 kg/l (11.1 lb/gal)	
VOC	VOC (Base)	3.29 g/kg EU Solvent Emission Directive (Council Directive 2010/75/EU)
	VOC (Hardener)	0 g/kg EU Solvent Emission Directive (Council Directive 2010/75/EU)
	VOC (Mixed)	2.4 g/kg EU Solvent Emission Directive (Council Directive 2010/75/EU)

Coating hazard marker GB 30981.2-W-Pb ≤1000-NC Qualified for GB 30981.2-2025

See Product Characteristics section for further details

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SURFACE PREPARATION

Surface Cleaning

All surfaces to be coated should be clean, dry and free from contamination. Oil or grease should be removed prior to paint application. The surfaces should be cleaned thoroughly of all dust, using a vacuum or clean dry compressed air to blow while wiping with clean, oil free, dry cloths.

Sanding Preparation

When sanding or grinding, work in areas with adequate ventilation, maintaining a continuous flow of fresh air.

Gelcoats and Primers

A sanding paper of grit 120-180 is recommended on the gelcoat and primer surfaces. Ensure any remaining contamination, such as dust or coating / filler particles is removed from the surface by suitable means, prior to application of RELEST Wind Putty Porefiller.

APPLICATION

Mixing

Once the unit has been mixed it must be used within the working pot life specified.
(1) Combine the Hardener (Part B) with the Base (Part A) and mix thoroughly with a low-speed stirrer. Ensure that Hardener container is completely empty.
(2) Transfer to another clean container. Remove all residue from first mixing container, add and mix again.

Take care to avoid the introduction of air / foam to the mixture. Small quantities may be mixed manually.

Mix Ratio

Using Part B RELEST Hardener PUR 13 (I385-0013):
100 part(s) : 46 part(s) by volume
100 part(s) : 38 part(s) by weight

Working Pot Life

20°C (68°F)	23°C (73°F)	35°C (95°F)
20 minutes	15 minutes	8 minutes

- The figures quoted above have been determined at:
  20°C / 30% RH 23°C / 65% RH 35°C / 85% RH

Thinner

DO NOT THIN

Cleaner

RELEST Thinner PUR 132

Work Stoppages

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 132.

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

Polyurethane

PRODUCT CHARACTERISTICS

On mixing, RELEST Wind Putty Porefiller will exotherm, which affects the workable life of the the material. Smaller quantities are recommended to reduce wastage.

Application of RELEST Wind Putty Porefiller should be by brush or roller. Immediately after application, all excess material should be removed by means of a metal filler knife. High pressure and up and down movement should be applied to ensure that pores are completely filled.

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

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.

Relative humidities below 35% can significantly retard the curing speed and increase minimum overcoating intervals.

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

RELEST Wind Putty Porefiller is compatible with the whole RELEST Wind product portfolio. For further information please contact your local representative.

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 your local representative for further advice.

Warning: Contains isocyanate. Wear air-fed hood for spray application.

PACK SIZE

Base Weight	Volume	Pack	Hardener Weight	Volume	Pack
6.6kg	4.7L	10L	3.7kg	3.27L	5L
220kg	156.65L	205L	5kg	4.43L	5L
			220kg	194.7L	200L

SHIPPING WEIGHT (TYPICAL)

Base Gross Weight	Hardener Gross Weight
8.1kg	4.18kg
240.1kg	5.48kg
	241.6kg

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. Opened containers must be tightly resealed and material used promptly.

Important Note

The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given are subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is current prior to using the product.

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