

Promoter

Polyurethane

PRODUCT DESCRIPTION

Product Code: I367-0080

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 polyurethane.

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	26%			
Theoretical Coverage	26 m ² /litre at 10 microns d.f.t and stated volume solids 1043 sq.ft/US gallon at 0.4 mils d.f.t and stated volume solids			
Practical Coverage	Allow appropriate loss factors			
Method of Application	Roller			
Drying Time				
			Overcoating Interval with recommended topcoats	
Temperature	Touch Dry	Hard Dry	<i>Minimum</i>	<i>Maximum</i>
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	648 g/l	Calculated
See Product Characteristics section for further details		

Protective Coatings

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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	<table border="0"> <tr> <td>18°C (64°F)</td> <td>23°C (73°F)</td> <td>35°C (95°F)</td> </tr> <tr> <td>45 minutes</td> <td>45 minutes</td> <td>45 minutes</td> </tr> </table> <ul style="list-style-type: none"> The figures quoted above have been determined at: 18°C / 30% RH 23°C / 65% RH 35°C / 85% RH 	18°C (64°F)	23°C (73°F)	35°C (95°F)	45 minutes	45 minutes	45 minutes
18°C (64°F)	23°C (73°F)	35°C (95°F)					
45 minutes	45 minutes	45 minutes					
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.						

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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 15°C (59°F) 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



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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

For availability of other pack sizes, contact AkzoNobel.

SHIPPING WEIGHT (TYPICAL)

STORAGE

Shelf Life

12 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

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.

This Technical Data Sheet is available on our website at www.international-marine.com or www.international-pc.com, and should be the same as this document. Should there be any discrepancies between this document and the version of the Technical Data Sheet that appears on the website, then the version on the website will take precedence.

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