RELEST_® Wind HS Topcoat **KInternational**



Acrylic Polyurethane

PRODUCT DESCRIPTION	Product Code: I306-x1xxSA RELEST Wind HS Topcoat is suitable for use outdoors and is characterised by its excellent rain erosion resistance.						
							INTENDED USES
PRACTICAL INFORMATION FOR RELEST WIND HS TOPCOAT	Colour	Wide range of colours available					
	Gloss Level	Eggshell					
	Volume Solids	54%					
	Typical Thickness	100-120 microns (4-4.8 mils) dry equivalent to 185-222 microns (7.4-8.9 mils) wet					
	Theoretical Coverage	3.4 m ² /kg at 120 microns and stated volume solids; corresponds to approx. 300 g/m ²					
	Practical Coverage	Allow appropriate loss factors					
	Density	Mixed product density is approximately 1.34 g/cm ³ (depends on colour)					
	Method of Application Airless spray, Roller						
	Drying Time						
		Overcoating Interval with recommended topcoats					
	Temperature	Touch Dry	Hard Dry	Minimum	Maximum		
	18°C (64°F)	3 hours	7.5 hours	4.5 hours	24 hours		
	23°C (73°F)	2 hours	5 hours	3.5 hours	24 hours		
	35°C (95°F)	20 minutes	1 hour	2 hours	24 hours		
	 Touch Dry and Hard Dry are equivalent to TG1 and TG7 respectively, according to ISO 9117-5 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 30°C (86°F); Part B 56°C (133°F)					
	Product Weight	1.34 kg/l (11.2 lb/g	al)				
	VOC	420 g/lt	Calculated	1			

See Product Characteristics section for further details

Protective Coatings

AkzoNobel

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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, and dry cloths.

Sanding Preparation: Composite, Gelcoats and Putties

Always thoroughly clean the surfaces before sanding. When sanding or grinding, work in areas with adequate ventilation, maintaining a continuous flow of fresh air. Inadequate sanding may result in poor adhesion of RELEST Wind HS Topcoat to the surface. However, excessive sanding or using too coarse grit can open pores in the surface or create a sanding scratch profile too deep to be filled by RELEST Wind HS Topcoat. A sanding paper of grit 120-180 is recommended on the primer and filler 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 HS Topcoat.

APPLICATION	Mixing	 Once the unit has been mixed it must be used within the working pot life specified. (1) Agitate Base (Part A) with a power agitator. (2) Agitate Curing Agent (Part B) with a power agitator. (3) Combine entire contents of the Curing Agent (Part B) with the Base (Part A) and mix thoroughly with the power agitator. 			
		the devices are clean during the mixing pro material to another co	ixing may lead to coating film defects. Ensure that during the application and that no air is stirred in cess. It is absolutely necessary to transfer the mixed ontainer prior to use. The ideal application viscosity conditions and must be adapted accordingly.		
	Mix Ratio	Using Part B RELEST Hardener PUR 2306 (I385-2306): 3.1 part(s) : 1 part(s) by volume 4.2 part(s) : 1 part(s) by weight			
		Viscosity: 20 s, with	Viscosity: 20 s, with a DIN 6 mm cup		
	Working Pot Life	18°C (64°F) 23°C 60 minutes 45 min	(73°F) 35°C (95°F) nutes 15 minutes		
		 The figures quoted above have been determined at: 18°C / 30% RH 23°C / 65% RH 35°C / 85% RH 			
	Airless Spray	Recommended	Tip Range 0.28-0.38 mm (11-15 thou) Total output fluid pressure at spray tip not less than 214 kg/cm² (3043 p.s.i.)		
	Roller	Suitable	Small areas only		
	Thinner	RELEST Thinner PUR 144			
	Cleaner	RELEST Thinner PUR 144			
	Work Stoppages	Thoroughly clean all equipment with RELEST Thinner PUR 144. 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 ir	Clean all equipment immediately after use with RELEST Thinner PUR 144.		
		All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.			

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PRODUCT When applying RELEST Wind HS Topcoat by roller, it may be necessary to apply mulitple coats to achieve the total specified system dry film thickness.

Level of sheen and surface finish are dependent on application method. Avoid using a mixture of application methods whenever possible.

This product must only be thinned using the recommended thinners. The use of alternative thinners, particularly those containing alcohols, can severely affect the curing mechanism of the coating.

When applying RELEST Wind HS Topcoat in confined spaces ensure adequate ventilation.

Condensation occurring during or immediately after application may result in a matt finish and an inferior film.

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.

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 ADDITIONAL
 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 SHIPPING WEIGHT (TYPICAL) 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

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 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 current prior to using the product. 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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