Interdur® 8862

Acrylic Polysiloxane

PRODUCT DESCRIPTION

A low VOC, high performance, two component, isocyanate-free acrylic finish which provides excellent durability and long term overcoatability.

INTENDED USES

Suitable for use in both new construction and maintenance applications, for exposure in a wide variety of environments.

PRACTICAL INFORMATION FOR INTERDUR 8862

Colour	White. Special colours upon request.
Gloss Level	Gloss
Volume Solids	64% ± 2%
Typical Thickness	50-75 microns (2-3 mils) dry equivalent to 78-117 microns (3.1-4.7 mils) wet
Theoretical Coverage	12.80 m²/litre at 50 microns d.f.t and stated volume solids 513 sq.ft/US gallon at 2 mils d.f.t and stated volume solids
Practical Coverage	Allow appropriate loss factors
Method of Application	Airless Spray, Air Spray, Brush, Roller

Drying Time

			Overcoating Interval with recommended topcoats	
Temperature	**Touch Dry**	**Hard Dry**	*Minimum*	*Maximum*
10°C (50°F)	3.5 hours	7 hours²	7 hours	Extended¹
15°C (59°F)	3 hours	7 hours²	7 hours	Extended¹
25°C (77°F)	2.5 hours	6 hours²	7 hours	Extended¹
40°C (104°F)	1 hour	3 hours²	3 hours	Extended¹

¹ See International Protective Coatings Definitions and Abbreviations
² Sufficient coating film strength has developed to permit the handling and movement of coated steelwork.
The dry times are influenced by relative humidity. The higher the relative humidity, the faster the dry times. The drying times quoted have been determined at the quoted temperature and 50% relative humidity. The drying times quoted for 10ºC (50ºF) have been determined at 80% relative humidity.

REGULATORY DATA

Flash Point (Typical)	Part A 35°C (95°F); Part B 24°C (75°F); Mixed 30°C (86°F)	
Product Weight	1.25 kg/l (10.4 lb/gal)	
VOC	2.67 lb/gal (320 g/lt)	EPA Method 24
	267 g/kg	EU Solvent Emissions Directive (Council Directive 2010/75/EU)

Coating hazard marker GB 30981.2-S-Pb≤90-C Qualified for GB 30981.2-2025

See Product Characteristics section for further details

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SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. Prior to application all surfaces should be assessed and treated in accordance with ISO 8504:2000.

Primed Surfaces

Interdur 8862 should always be applied over a recommended anti-corrosive coating scheme. The primer surface should be dry and free from all contamination and Interdur 8862 must be applied within the overcoating intervals specified (consult the relevant product data sheet).

Areas of breakdown, damage etc., should be prepared to the specified standard (e.g Sa2½ (ISO 8501-1:2007) or SSPC-SP6, Abrasive Blasting, or SSPC-SP11, Power Tool Cleaning) and patch primed prior to the application of Interdur 8862.

APPLICATION

Mixing

Material is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. 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) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator.

Mix Ratio

7 part(s) : 1 part(s) by volume

Working Pot Life

10°C (50°F)	15°C (59°F)	25°C (77°F)	40°C (104°F)
4 hours	2 hours	2 hours	1 hour

Airless Spray	Recommended	Tip Range 0.35-0.45 mm (14-18 thou) Total output fluid pressure at spray tip not less than 155 kg/cm² (2204 p.s.i.)
Air Spray (Pressure Pot)	Recommended	Gun: DeVilbiss MBC or JGA Air Cap: 704 or 765 Fluid Tip: E
Air Spray (Conventional)	Recommended	Use suitable proprietary equipment
Brush	Recommended	Typically 40 microns (1.6 mils) can be achieved
Roller	Recommended	Typically 40 microns (1.6 mils) can be achieved

Thinner

Not recommended

Cleaner

International GTA007

Work Stoppages

Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International GTA007. 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 International GTA007. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays.

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

PRODUCT CHARACTERISTICS

Level of sheen and surface finish are dependent on application method. Avoid using a mixture of application methods. Best results in terms of gloss and appearance will always be obtained with conventional air spray application.

Apply in good climatic conditions. The temperature of the surface to be coated must be at least 3°C (5°F) above the dew point. This product will not cure adequately below 10°C (50°F)

When applying Interdur 8862 in confined spaces ensure adequate ventilation.

Interdur 8862 reacts with atmospheric moisture, and as such when in the can should remain covered at all times. Failure to keep tin covered will result in skinning of paint and loss of pot life. Part mixing is not recommended.

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

Premature exposure to ponding water will cause colour change, especially in dark colours and at low temperatures.
Interdur 8862 is not suitable for immersion.

Thinning may adversely affect film appearance and performance; contact International Paint for further advice.

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

The following primers are suitable for Interdur 8862:

Intercure 200	Intergard 251HS
Intercure 200HS	Intergard 475HS
Intercure 420	Interplus 356
Intergard 251	Interzone 505
Intergard 269	Interzone 954GF

Interdur 8862 is normally topcoated with itself, for other suitable topcoats please consult International Protective Coatings.

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	Unit Size	Part A		Part B	
		Vol	Pack	Vol	Pack
	20 litre	17.5 litre	20 litre	2.5 litre	5 litre
	For availability of other pack sizes, contact AkzoNobel.				

SHIPPING WEIGHT (TYPICAL)	Unit Size	Part A	Part B
	20 litre	24.57 kg	2.66 kg

STORAGE	Shelf Life	12 months at 25°C (77°F). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

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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