

Interthane 870

Long term recoatability with aesthetics

Are you interested in reducing your project man hours?
Interthane® 870 is high build which means it can reduce the number of coats you require and keep costs to a minimum.

Semi-gloss and available in a range of colors, Interthane® 870 delivers excellent cosmetics and extended recoatability.

- High build formulation allows for a single coat in excess of 4 mils DFT (100 microns)
- Semi gloss finish, reduces glare
- Extended recoatability aids on-site maintenance
- Available in full color range via Chromascan®
- Compatible with a wide range of application methods
- Long term cosmetic performance
- Low temperature isocyanate cure extends maintenance season
- Good flexibility and abrasion resistance



Interthane 870 is specifically designed to meet key industry requirements

For on-site maintenance where application by brush and roller is becoming more and more prevalent, Interthane® 870 achieves builds of up to 3 mils (75 µm) DFT in a single application. This feature can reduce the number of coats required, so reducing man hours on the project and keeping costs to a minimum while maintaining the high levels of cosmetic performance.

Extended recoatability

In addition, Interthane® 870's extended recoat window and reduced surface preparation requirements mean cosmetic appearance is upgraded with ease. Low temperature isocyanate cure extends the painting season thus allowing painting when it is actually required.

Chromascan®

Interthane® 870 is available in a full range of colors via the Chromascan® remote tinting system. This means that project shades and specific site color requirements can be met rapidly and in low volume requirements when required.

Technical information

Color	Wide range via the Chromascan® system	
Gloss level	Semi gloss	
Volume solids	56% ± 3% (depends on color)	
Film thickness	3-5 mils (75-125 µm) dry equivalent to 5.4-8.9 mils (135-223 µm) wet	
Mix ratio	7:1 by volume	
Temperature	Hard dry	Maximum
41°F (5°C)	30 hours	Extended
59°F (15°C)	16 hours	Extended
77°F (25°C)	5 hours	Extended
104°F (40°C)	2.5 hours	Extended
Volume solids	3.14 lb/gal (377g/l) USA - EPA Method 24 280 g/kg SED Dir. 13	

Test data

TEST TYPE	TEST METHOD	SPECIFICATION DETAILS	RESULTS
Pull-off adhesion	ISO 4624	4 mils (100 µm) DFT applied directly over an epoxy primer	Not less than 1160 psi (8 MPa)
Gloss retention	ASTM G53	4 mils (100 µm) DFT applied over an aluminium panel	Typically 83% gloss retention after 1000 hours QUVA exposure

The above performance data has been compiled based on present experience of in-service product performance and upon performance data obtained under laboratory test conditions. Actual performance of the product will depend upon the conditions in which the product is used.

www.international-pc.com
pcmarketing.americas@akzonobel.com

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