

Interfine 979

Excellent long term aesthetics

Interfine® 979 acrylic polysiloxane keeps your assets looking better, for longer, and can also save you money on application.

It's an easy choice.

- Excellent long term color and gloss retention
- Contains no free isocyanate
- Low VOC content reduces solvent emissions
- Offers the same high performance anti-corrosive protection when used in an approved two coat system as that achieved with traditional three coat systems
- Long term flexibility makes Interfine® 979 ideal for use on thin gauge steel fabrications such as tanks, vessels and other such structures likely to be subjected to movement
- Available in a full range of colors via the Chromascan® remote tinting system
- Approved to NORSOK M-501



Interfine 979 forms part of the protective coatings premium range

Interfine® 979 has been developed utilizing acrylic polysiloxane technology. By combining the best features available from organic and inorganic chemistry, polysiloxane technology offers excellent long term finish coat aesthetics with high performance anti-corrosion protection when used in an approved two coat system.

Better by design

By carefully modifying the polysiloxane polymer, Interfine® 979 offers the following important performance advantages:

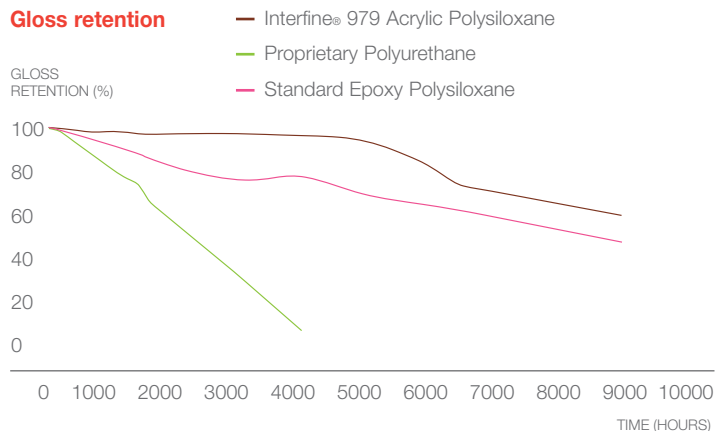
- Excellent long term gloss and color retention
- Outstanding abrasion and impact resistance reducing damage due to handling at new construction and during service
- Long-term film flexibility allowing Interfine® 979 to be applied to structures where flexing movement is expected

These features help extend the lifetime of the coating and increase the time to first major maintenance.

Chromascan®

Interfine® 979 is available in a full range of colours via the Chromascan® remote color tinting system. This means that project shades can be delivered rapidly, in small volumes whenever necessary, allowing easy touch up on-site or prior to shipment.

Gloss retention



Technical information

Color Wide range available via Chromascan®

Gloss level High

Volume solids 76%

Film thickness 4-6 mils (100-150 µm) dry

VOCs 1.81 lb/gal (218 g/l) USA - EPA Method 24
162 g/kg EU Solvent Emissions Directive (Council Directive 1999/13/EC)

Test data

TEST TYPE	REFERENCE	DETAILS	RESULTS
Gloss retention	ASTM D523	1 x 5 mils (125 µm) DFT Interfine® 979 applied directly over abraded steel plate	Typically 95% gloss retention following 4000 hours exposure to UV - A type fluorescent lamps (1)
Cyclic corrosion	ASTM D5894	1 x 5 mils (125 µm) DFT Interfine® 979 applied directly over 3 mils (75 µm) DFT of Interzinc® 52	No film defects, and an average of <2 mm rust creep at the scribe following 4000 hours exposure
Flexibility	ASTM D522	1 x 5 mils (125 µm) DFT Interfine® 979 applied directly over abraded steel plate	No cracking at 3/16 in (4.7 mm) mandrel diameter
Impact resistance	ASTM D2794	1 x 5 mils (125 µm) DFT Interfine® 979 applied directly over 3 mils (75 µm) DFT of Interzinc® 52	Typically 5.8 mm disbondment following a 5 Joule Impact
Abrasion resistance	ASTM D4060	1 x 5 mils (125 µm) DFT Interfine® 979 applied directly over abraded steel plate	Average of 88 mg weight loss per 1000 cycles using CS17 wheels and a 1 Kg loading (2)

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

Notes

(1) Compared to typical gloss retention figures of 25% for proprietary polyurethane and 75% for standard epoxy polysiloxane finish coats.

(2) Compared to an average 171 mg weight loss for proprietary polyurethane and 121 mg average weight loss for standard epoxy polysiloxane.

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