

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:

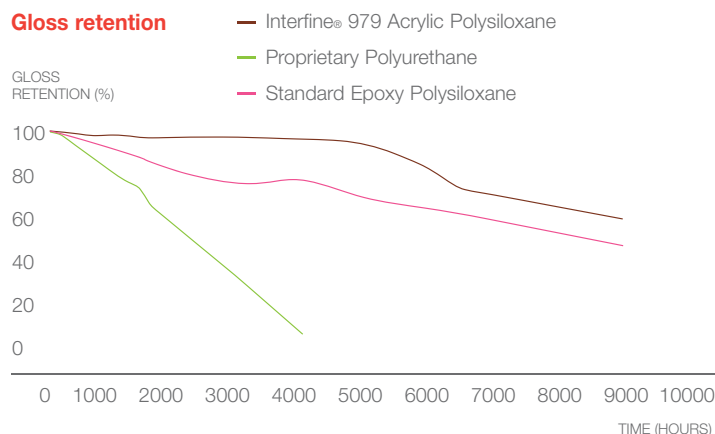
- Excellent long term gloss and color retention
- Outstanding abrasion and impact resistance reducing damage due to handling at new construction and during service
- Long-term film flexibility allowing Interfine® 979 to be applied to structures where flexing movement is expected

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	100-150µm (4-6 mils) dry
VOCs	162g/kg EU Solvent Emissions Directive (Council Directive 1999/13/EC) 1.81lb/gal (218g/l) USA - EPA Method 24

Test data

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