

ACRONAL[®] PRO 777

Acrylic dispersion for superior metal protection

Benefits

- Superior corrosion resistance in DTM formulation for C2-C3 applications: fewer coats needed in the field
- Versatile: can be formulated as a primer for C3+ applications
- Excellent application properties (spray, dip, roll, etc.)
- Saves formulation cost: no need for corrosion inhibitors

Features

- Self-crosslinking
- Robust to formulation changes
- Good early water and humidity resistance
- Good adhesion to various metal substrates
- APEO- and zinc-free
- Low VOC capable



For industrial applications needing C1-C3 corrosion protection

ACRONAL PRO 770

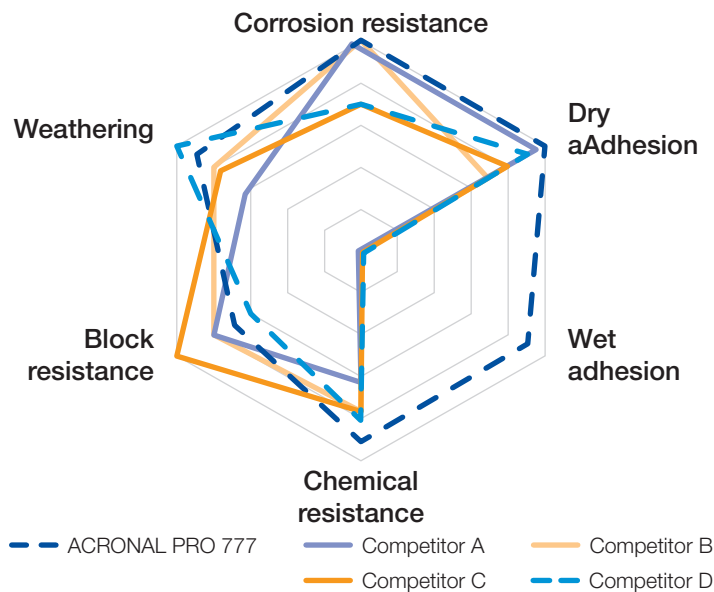
Waterborne DTM with best-in-class performance

**Are you and your customers ready to make the switch to waterborne?
Are you looking to improve the performance of your waterborne formulations?**

ACRONAL PRO 770 is BASF's answer to your need for a high-performance binder with improved corrosion protection (compared to other 1-component water-based binders) at the same dry-film thickness. Use this acrylic dispersion as a direct-to-metal (DTM) coating to reduce application time and save on formulation complexity by eliminating the need for corrosion inhibitors and active pigments.

ACRONAL PRO 770 is APEO- and zinc-free in a waterborne formula, combining best-in-class corrosion protection with environmental benefits.

Benchmarking ACRONAL PRO 770 against competitive DTM resins



In a benchmarking study looking at more than 20 competitive water-based, 1-component direct-to-metal coatings, ACRONAL PRO 770 was a top performer for corrosion, dry adhesion, wet adhesion, and chemical resistance. It achieves a good balance of block-resistance and flexibility. Contact us for detailed test results.

Contacts

Please contact our technical service department for more help on formulating with products from the ACRONAL line.

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Application areas:

- Building exteriors in highly industrial areas and/or coastal regions
- Building interiors for food manufacturers, breweries, and dairies
- Steel construction parts
- Exterior tanks

Physical properties

N.V.	50%
Viscosity	300 – 1,000 cps
pH	7.0 – 8.3
Freeze-thaw stable	no
MFFT	~19 °C
Appearance	Milky white emulsion