



■ - BASF

We create chemistry

Waterborne resins for industrial protective & maintenance coatings



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BASF has a resin to meet your formulation needs regardless of your protective or maintenance challenge. Whether you're looking for a primer, topcoat, or direct-to-metal monocoat, we can help.

ACRONAL® PRO 770

Self-crosslinking DTM for top of class corrosion protection

Select features and benefits:

- Low VOC capable
- Good adhesion to various metal substrates
- Versatile: can be formulated as a primer for C3+ applications
- Excellent application properties (spray, dip, roll, etc.)

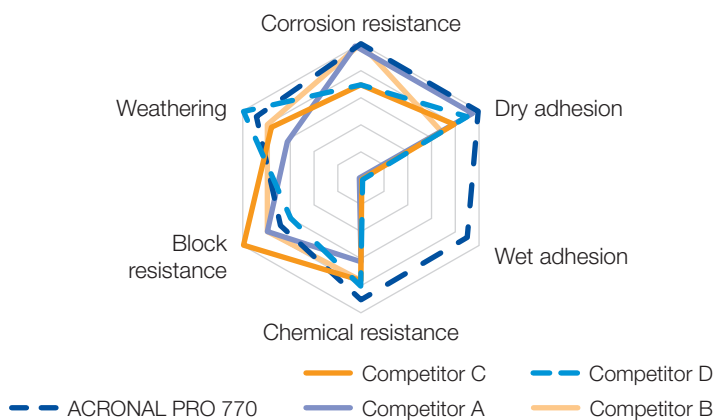
JONCRYL® PRO 1524

Epoxy hybrid DTM with excellent water and chemical resistance

Select features and benefits:

- Good early water and humidity resistance
- Superior corrosion resistance in DTM formulation for C2-C3 applications; fewer coats needed in the field
- Saves on formulation cost – no need for corrosion inhibitors
- High gloss

Benchmarking ACRONAL PRO 770 against competitive DTM resins



Why choose waterborne?

Simply put, water-based coatings are safer to store and apply, and they aid compliance with VOC regulations – all without sacrificing performance for your light industrial applications.



Top acrylic dispersions for protective & maintenance applications

Our portfolio addresses performance priorities across industrial applications

JONCRYL 2981

Choose it for:
Exterior durability and substrate versatility

Topcoat

- Top Benefits:**
- Self-crosslinking technology for superior weatherability and chemical resistance
 - Multi-purpose resin that can be used for metal or wood formulations, means sourcing fewer products

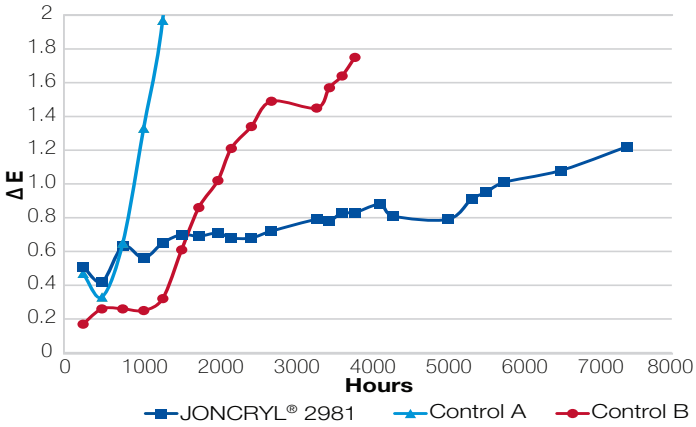
JONCRYL 541

Choose it for:
Ultra-low VOC formulations

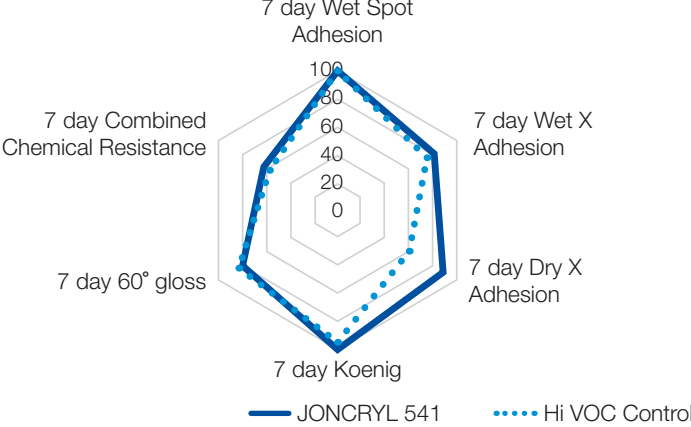
Topcoat

- Top Benefits:**
- Formulate $\leq 50\text{g/L}$ VOC
 - High gloss retention for exterior durability
 - Early hardness development

JONCRYL 2981 Weathering



JONCRYL 541 (50 g/l) vs. Control (236 g/l) on CRS, 2.0 mil DFT



JONCRYL 1532

Choose it for:
Exceptional adhesion for difficult surfaces

Primer

- Top Benefits:**
- Adhesion to multiple substrates including metals, plastic, and previously painted or chalked substrates
 - Compatible with anti-corrosive pigments for enhanced performance





Top waterborne additives for protective & maintenance applications

Our portfolio addresses performance priorities across industrial applications

DISPEX® Ultra PX 4290

Choose it for:

Stabilizing inorganic and organic pigments in aqueous formulations

Dispersing Agents

Top Benefits:

- Outstanding color strength
- Excellent viscosity reductions
- Improved gloss
- Anti-flooding behavior
- Solvent-free

DISPEX Ultra PX 4575

Choose it for:

Broad compatibility across industrial applications

Dispersing Agents

Top Benefits:

- VOC-free
- APEO-free
- Low odor

FOAMSTAR® SI 2210

Choose it for:

Superior foam control properties for industrial applications

Defoamer

Top Benefits:

- Excellent compatibility for high gloss applications
- Easy handling due to low viscosity
- Excellent long-term efficiency

Viscosities before and after storage (2w 50°C)

Resin-free Pigment Concentrate	DISPEX Ultrex PX 4290 before storage	DISPEX Ultra PX 4290 after storage
Kronos® 2160	■	■ ■
Bayferrox® 3920	■	■
Hansabrilant® Yellow 2GX70	■	□
Novoperm® Yellow HR 70	□	□
Hostaperm® Yellow H3G	–	–
Novoperm® Orange HL 70 NF	■ ■	■ ■
Bayferro X® 130 M	□	■
Hostaperm® Pink E	□	■
Novoperm® Red F3RK 70	□	□
Irgazin® Red L 3660 HD	■	■
Hostaperm® Red Violet ER 02	□	□
Hostaperm® Violet RL special	□	□
Heliogen® Blue L 6875	■ ■	■ ■
Heliogen® Green L 8730	□	□
ColourBlack® FW 200	□	□
Monarch® 1000	□	□
Raven® 5000	□	□

Rating vs. Market Standard

■ ■ = much better than market standard
 ■ = better than market standard
 □ = equal to market standard
 – = below market standard

Contacts

Please contact our technical service department for more help on formulating with products from the ACRONAL® or JONCRYL® product lines.

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