

Industrial Coatings

Technical Data Sheet

Joncryl[®] 2536



Product Description	Joncryl [®] 2536 is a waterborne acrylic emulsion for architectural coatings.
Key Features & Benefits	<ul style="list-style-type: none">- Film Clarity- High Gloss- Excellent Adhesion- Good Barrier Properties- Pigment Grind Capable
Chemical Composition	Waterborne acrylic emulsion

Properties

Typical Properties	Appearance	milky white
	Solids	46% by wt
	pH	9.0
	Viscosity	150 cps
	Density at 25° C	1.05 g/cm ³
	Tg	45°C
	MFFT	40°C
	Grind Vehicle	Yes
	Freeze-thaw stable	Yes

These typical values should not be interpreted as specifications.

Applications

Joncryl[®] 2536 emulsion is a unique acrylic latex developed for high gloss architectural and specialty architectural coatings. It offers excellent adhesion to a wide variety of substrates. As a Rheology Controlled emulsion, it provides alkyd-like rheology, gloss, and pigment dispersing capability while maintaining the excellent durability, adhesion, and resistance properties of acrylics.

Starting Point Formulation

The following starting point formulation is recommended for an initial evaluation of Joncryl® 2536. Additional optimization of the formulation may be required to achieve desired results for specific applications.

Joncryl® 2536 Architectural High Gloss, Formulation #02-34A

Materials	Pounds	Gallons
Joncryl® 2536	122.02	13.87
Propylene Glycol	34.00	3.94
Proxel ¹ DL	0.50	0.06
Ammonia, 28% solution	1.95	0.26
BYK ² 020 ³	2.50	0.34
Ti-Pure ⁴ R-706	244.0	7.33
Grind at high speed for 30 minutes		
Letdown		
Joncryl® 2536	476.76	54.18
BYK ² 024	3.90	0.46
Rheovis® PU 1250 NC	5.50	0.89
Rheovis® PU 1214 NC	7.50	0.84
Water	106.31	12.76
Joncryl® Wax 26	20.0	2.40
Texanol ⁵	19.52	2.47
Santicizer ⁶ 160	5.0	0.54
Total	1049.0	100.0

Formulation Attributes:	
Density	10.49 lbs/gal
NV	51.6% by weight, 39.1% by volume
VOC	149 g/l 1.24 lbs/gal
Pigment / binder ratio	0.819
PVC	18.7

¹ Registered trademark of Arch Chemicals, Inc.

² Registered trademark of BYK Chemie

³ This product has been discontinued. Please contact your BYK representative for a suitable replacement.

⁴ Trademark of The Chemours Company

⁵ Trademark of Eastman Chemical Company

⁶ Registered trademark of Valtris Specialty Chemicals.

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

Safety Data Sheet

All safety information is provided in the Safety Data Sheet for Joncryl® 2536.

Important

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