



Product Data Sheet

PRODUCT DESCRIPTION

70815/70816 is a two-component, ultra-high solids chemical resistant, polyester aliphatic polyurethane, designed for use as a topcoat for NEOGARD® Flooring systems and as the primary wearing surface when applied to properly primed concrete.

70815/70816 combines superior resistance to chemical attack, ultra-violet degradation and excellent impact and abrasion resistance. It meets the VOC content requirements for Industrial Maintenance Coatings established by South Coast AQMD.

PRODUCT NUMBERS AND COLORS

Standard colors are: 70815 Clear/Colorless

CURED FILM PERFORMANCE

Description	Test Method	Results
Tensile Strength	ASTM D412	4,800 psi
Elongation	ASTM D412	40%
Water Resistance	ASTM D471	< 2%
MVT @ 10 mils	ASTM E96	0.4 Perm
Taber Abrasion	ASTM D4060	5 mg/1,000 cs-17
Shore A	ASTM D2240	100
Shore D	ASTM D2240	55
Flammability	ASTM D635	Pass
Adhesion to 7790	ASTM D4541	400 psi
Adhesion to 7779/7781	ASTM D4541	500 psi
Adhesion to 7760/7761	ASTM D4541	400 psi
Adhesion to 7740/7741	ASTM D4541	400 psi
Adhesion to 70702/70703	ASTM D4541	400 psi
Adhesion to 70714/70715	ASTM D4541	400 psi
Adhesion to 70410	ASTM D4541	500 psi
Adhesion to 7430	ASTM D4541	500 psi
Adhesion to FC7500/FC7960	ASTM D4541	400 psi

The above tested results are typical values. Individual lots may vary up to 10% from the typical value.

PRODUCT DATA

Description	Test Method	Results
Mix Ratio by Volume		1:1 with 70816
Weight/Gal (mixed)	ASTM D1475	8.66 lbs
Weight Solids (mixed)	ASTM D4209	90.4%
Volume Solids (mixed)	Calculated	89%
VOC (mixed)	EPA Method 24	95 g/L
Viscosity (mixed)	ASTM D2196	400 cps
Flash Point	ASTM D3278	134°F
Pot Life at 75°F		20 - 25 Minutes
Touch Up Time at 75°F		10 Minutes
Tack Free Time at 75°F		4 Hours
Dry to Walk on at 75°F		8 Hours
Storage		Protected
Shelf Life		1 Year

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APPLICATION

Thoroughly mix 1:1 by volume. Apply at a rate of 180 to 350 square feet per gallon to achieve a dry film thickness of 4 to 8 mils. For recoat adhesion, lightly abrade surface with 80 -100 grit sand paper and thoroughly clean surface before applying next coat.

HEALTH AND SAFETY

Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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