



Product Data Sheet

PRODUCT DESCRIPTION

7441 series is a single component (plus accelerator) moisture-cured, aromatic, fire retardant, polyurethane coating designed for use as a weather protective topcoat for polyurethane foam and direct bond roofing systems.

PRODUCT COLOR

Standard colors are: 7441 - Light Gray
7442 - Tan
7443 - White

CURED FILM PERFORMANCE

Description	Test Method	Results
Tensile Strength	ASTM D412	2,500 psi
Elongation	ASTM D412	450%
Permanent Set	ASTM D412	15%
Tear Resistance	ADTM D1004	250 lb/in
Water Resistance	ASTM D471	2.5%
MVT @ 30 Mils	ASTM E96	1.3 English
Taber Abrasion	ASTM D4060	15 mg/1,000 cs-17
Shore A	ASTM D2240	77 - 85
Adhesion	ASTM D903	30 lb/in

PRODUCT DATA

Description	Test Method	Results
Weight/Gal	ASTM D1475	10 lbs/gal
Weight Solids	ASTM D4209	82%
Volume Solids	Calculated	75%
VOC	EPA Method 24	215 g/L
Viscosity	ASTM D562	87 KU
Flash Point	ASTM D3278	111°F
Pot Life		8 hrs
Shelf Life		1 year
Cure Time @ 75°F and 50% RH	TT-S-00230A	24 hrs

DIRECTIONS FOR USE

THINNING: Thinning of materials is not required under normal application conditions. However, if required, thin material with Xylene. Never thin more than 10% without consulting NEOGARD.

MIXING: Read container labels, MSDS and application instructions prior to mixing. Mix 55 gallon drums and 5 gallon pails with a variable speed drill utilizing a jiffy mixer to suspend any settled pigment and attain a uniform color. Time will vary depending on temperature conditions.

APPLICATION: Mix thoroughly before application. May be applied by brush, roller or airless spray equipment.

CLEAN UP: Clean up equipment or spills immediately with Xylene, carefully observing cautions on container labels.

STORAGE

Containers of coating material should be stored in a cool (70°F) area to insure long shelf life. To prevent container rupture due to very high temperature, keep away from heat and/or open flames.

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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