



PRODUCT DESCRIPTION

Themecoat® 756 is a two component, 1:1 mix, 100% solids, fast set, liquid applied, modified polyurea liner system for metal, concrete, fiberglass and wood surfaces.

FEATURES

- Abrasion and Impact Resistant
- Chemical Resistant
- High Build
- Low Temperature Flexibility
- Quick Drying
- Seamless
- Tough and Elastomeric

TYPICAL USES

- Architectural Shapes
- Decorations
- Encapsulation of Fiberglass Bodies and Polystyrene Foams
- Tree Bark

PACKAGING

10-gallon kit: 5 gallon (18.9 liters) pail of Side-A and 5-gallon (18.9 liters) pail of Side-B.

106-gallon kit: 53 gallon (200 liters) drum of Side-A and 53-gallon (200 liters) drum of Side-B.

COLORS

Neutral or Black. Custom colors are available upon request. Additional charges may apply.

MIXING

Themecoat® 756 may not be diluted under any circumstances. Thoroughly mix Themecoat® 756 Side-B Base material with air driven power equipment until a homogeneous mixture and color is obtained.

COVERAGE

Themecoat® 756 may be applied at any rate to achieve desired thickness. Theoretical coverage per gallon is 1600 sqft at 1 mil.

SURFACE PREPARATION

In general, coating performance and adhesion are directly proportional to surface preparation. All surfaces must be free of oil, grease, dirt and other contaminants.

CONCRETE

Remove all contaminants such as oil, grease, dirt, form oil residue, wax or any other chemical product prior to proceeding with surface preparation. The surface should be free of voids, pot holes or bug holes, loose or weak concrete and the necessary surface profile must be achieved as listed below

TECHNICAL DATA (Based on Draw Down Films)

Mix Ratio	1A : 1B
Pot Life	3-5 seconds
Tack Free Time	20-40 seconds
Recoat Time	0-12 hours
Viscosity at 150-160°F (66.6-71°C), Brookfield:	
Side-A	120 ± 20 cps
Side-B	200 ± 20 cps
Density (Side A & B Combined)	9.0 lbs/gal (1180 kg/m ³)
Flash Point	>200°F (>93.3°C)
Hardness, ASTM D-2240*	85 ± 5 Shore A
Tensile, ASTM 412-C*	1500 ± 300 psi (10 ± 2.1 MPa)
Elongation, ASTM 412-C*	200% ± 20%
Tear, ASTM 624-C*	200 ± 20 pli (35 ± 3.5 kN/m)
Service Temperature - Dry	-20°F to 250°F (-29 to 121°C)

(*These physical properties from sample sprayed with Graco Foam Cat 200 @ 2000 psi (32 MPa) minimum, with Gusmer GX7-400 mechanical purge gun @ 150-160°F (66-72°C). Different machine and parameter will change these properties. User should perform their own independent testing as properties are approximate).

to ensure proper adhesion and good surface appearance. Abrasive blast using brush blast technique or better to achieve 1.5-3 mil (37-75 microns) anchor profile.

Vacuum to remove dust, etc., prior to application of primer. Use fiberglass (C-Veil Glass) or a geotextile cloth to bridge cracks over the primed surface.

Primer is always recommended to take care of voids, pot holes or bug holes etc.

APPLICATION

Themecoat® 756 Side-A and Side-B materials should be preconditioned at 75-80°F (24-27°C) before application.

Themecoat® 756 should be applied using a plural component, heated, high pressure 1:1 spray mixing equipment like Graco's Hydra Cat, Gusmer or other equivalent machine may be used.

Both Side-A and Side-B materials should be sprayed at temperatures above 150°F (66°C). Adequate pressure and temperature should be maintained at all times.



STORAGE

Themecoat® 756 has a shelf life of six (6) months from date of manufacture in original, factory sealed containers.

Side-A and Side-B drums must be stored above 60°F (15°C).

Avoid freezing temperatures for an extended period of time.

Store drums on wooden pallets to avoid direct contact with the ground.

If stored for a long period of time, rotate Side-A and Side-B drums regularly.

LIMITATIONS

Due to its aromatic composition, Themecoat® 756 will tend to yellow or darken in color after exposure to UV light. Themecoat® 756 may be topcoated with aliphatic polyurethane coating for a color-fast glossy finish.

Do not open until ready to use.

Both Side-A and Side-B containers must be fitted with a desiccant device during use.

WARNING

This product contains Isocyanate and Curative Material.

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