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PITTCOTE® 404 coating PRODUCT DATA SHEET

IMPORTANT: MATERIAL SAFETY DATA SHEETS ARE AVAILABLE AND SHOULD BE READ BEFORE USING THIS PRODUCT.

DESCRIPTION:

PITTCOTE® 404 coating is a highly flexible, acrylic latex coating used with FOAMGLAS® insulation where a superior weather barrier coating is required

PITTCOTE® 404 coating is available in colors and may be applied by glove, trowel, brush, or spray.

*TYPICAL PROPERTIES:

Color:	White
Density lbs/gal (kg/l):	11.25 – 11.5 (1.3 – 1.4)
Solids, wt %:	67
Elongation % (ASTM D-412)	≥ 200
**Coverage: gal/100 ft ² :	6 to 8
mils:	55 to 70
l/m ² :	2.5 to 3.3
Application Temp, °F (°C):	40 (4)
Service Tem °F (°C):	
Continuous:	-30 to 180 (-34 to 82)
Intermittent:	220 (104)
Solvent:	Water
Flash Point:	Non-Flammable
ASTM E84	
Flame Spread:	5
Smoke Development	10
ASTM E96	
Water Vapor Permeability, Procedure E, perm-in	0.4
perms @ 55 mils	7.27
perm-cm	0.16
***Drying Time, hrs:	Touch 3 Through 24

* Properties subject to change. Consult Pittsburgh Corning Corporation

** Allowance should be made for losses during application.

***Will vary with weather conditions and thickness.

SURFACE PREPARATION:

The FOAMGLAS® insulation surface should be dry, free of frost, oil and grease. Insulation should be fitted so the joints are tight and without broken or rounded corners. Any surface variations between blocks should be eliminated by rubbing the insulation smooth. Excess sealant or adhesive should be removed from the insulation surface. Inside corners should be canted and outside corners rounded.

Blasting of all adjacent surfaces should be completed and metal primed before insulation is coated.

MATERIAL PREPARATION:

Stir well before using. May be thinned 5% with clean water. Store above 32°C (0°C).

APPLICATION:

See **CAUTION:** PITTCOTE® 404 coating can be applied by glove, trowel, brush or spray. Spray equipment should be checked before application.

Apply tack coat of 3-4 gal./100 ft² (1.2-1.6 l/m²). Immediately embed reinforcing fabric PC® Fabric 79 (FI-159), lapping fabric a minimum of 3-4 inches (7.5-10 cm), When first coat has dried, apply second coat of 3-4 gal./100ft². Fabric outline will be faintly visible when dry. Inspect and touch up as needed.

On interior building insulation, reinforcing may be eliminated in some cases.

Spray application recommendations are a 30:1 ratio or larger pump with a ½" to ¾" diameter high pressure hose. The orifice of the spray tip should be 0.035" to 0.045". A reversible tip is recommended. Use a squeegee to press coating into surface.

CLEAN-UP:

Clean equipment and spills with water before coating dries.

LIMITATIONS;

Protect from **FREEZING**. STORE and ship above 32°F (0°C). Do not use where water will pond.

Do not apply if rain or temperatures below 40°F (4°C) are expected before coating dries.

PACKAGING:

5 gallon containers
55 gallon containers



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CAUTION:

This material is intended to be used only with FOAMGLAS® insulation and in conformity with Pittsburgh Corning's standard instructions. Be sure you have read and understand all instructions and Material Safety Data Sheets before using. Material Safety Data Sheets should be considered part of this product data sheet.

INGREDIENTS:

	CAS #
Acrylic polymer emulsion	29129-78-0
Hydrated Alumina	21645-51-2
Water	7732-18-5
Calcium Carbonate	1317-65-3
Titanium Dioxide	13463-67-7

IRRITANT:

Irritation to eyes, skin and respiratory system may occur upon prolonged and repeated exposure. Avoid prolonged and repeated contact with skin. Wear protective gloves. Wash hands after use. Do not breathe sprayed particles. When spraying, wear a paint particulate mask. Avoid contact with eyes. Wear eye protection.

FIRE HAZARD CLASSIFICATION:

Health: 1 Fire: 0 Reactivity: 0

HARMFUL OR FATAL IF SWALLOWED

KEEP OUT OF REACH OF CHILDREN

This material is designed for application only by professional, trained personnel using proper equipment and is not intended for sale to the general public.

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