

PITTCOTE® 300 FINISH PRODUCT DATA SHEET

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

DESCRIPTION:

PITTCOTE® 300 finish is a vapor and weather barrier asphalt coating especially formulated for use with FOAMGLAS® insulation in the low to moderate temperature range.

PITTCOTE® 300 finish is available in trowel and spray grades. Spray grade is a special order. Application is by spray, trowel or glove.

*TYPICAL PROPERTIES:

PROPERTY	
Color:	Black
Weight: kg/l (lbs/gal)	1.02 (8.5)
Solids, %wt (%vol.):	
Spray:	61.5 to 65.5 (50.7 to 54)
Trowel:	66 to 70 (56.5 to 60)
**Coverage:	
l/m ² (gal/100 ft ²)	2.5 to 3.3 (6 to 8)
mm (mils):	2.4 to 3.3 (95 to 130)
Application Temperature, material: °C (°F):	10 to 49 (50 to 120)
Service Temp: °C (°F)	-40 to 93 (-40 to 200)
Solvent:	Mineral Spirits
Flash Point, minimum	
PMCC, wet, °C (°F):	38.8 (102)
ASTM E84	
Flame Spread:	5
Smoke Development:	10
Water Vapor Permeability, ASTM E96, Procedure E:	
ng/Pa•s•m (perm-in)	0.004 (0.003)
perms @ 1.3mm (50 mils)	7.27
***Drying Time, hrs:	Touch 2; Firm 24; Through 14 days

* 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 and below 60°C (140°F). Dust or other loose material should be removed

MATERIAL PREPARATION:

This material should be thoroughly mixed prior to use. Be sure you have read and understand all instructions, cautions, and Material Safety Data Sheets contents before using.

Store PITTCOTE® 300 finish in a warm area for easy application in cold weather. Application temperature should be 10°C to 49°C (50°F to 120°F). Do not heat can directly with an open flame. Do not thin to overcome cold temperatures effects. Thin with mineral spirits for brush application only. Do Not thin more than 5% 1 liter/20 liter (1qt/5 gal).

APPLICATION ABOVE GROUND:

See CAUTION. Spray or trowel a tack coat of 0.8 to 1.2 liters/m² (2 to 3 gal/100ft²) of PITTCOTE® 300 finish to FOAMGLAS® insulation. Embed PC® Fabric 79 into the wet coat overlapping all fabric joints 10 cm (4 in). Smooth fabric and stretch to remove wrinkles. Apply a second coat after the first coat dries at a rate of 1.6 to 2.0 liters/m² (4 to 5 gal/100ft²). Surface temperature should be 5°C to 60°C (40°F to 140°F) and material temperatures of 10°C to 49°C (50°F to 120°F). Spray application can be made with air or airless equipment. For airless use Graco 45:1 pump with mastic gun 451 orifice with reverse-a-clean attachment or equivalent. Lines should be 19mm (¾ in) I.D., and pump should be equipped with a hydraulic ram; delivery pressure at gun should be about 1300 psi. Although PITTCOTE® 300 finish has excellent weather resistance; it will degrade over time when exposed to UV light. Pittsburgh Corning Corporation recommends that the PITTCOTE® 300 finish be coated with aluminum roof coating or covered with metal or other UV resistant jacketing.

APPLICATION UNDERGROUND:

See CAUTION. On underground lines, flash polyester film from lapping or areas of PITTWRAP® jacketing to be coated. When using PITTWRAP® SS jacketing, see jacketing data sheet FI-179A. Be sure FOAMGLAS® insulation surface is free of moisture, dust and any other loose material before applying. Trowel or use plastic gloves a tack coat of 0.8 to 1.2 liters/m² (2 to 3 gal/100ft²) and embed PC® Fabric 79, lapping edges 10

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cm (4 in). Apply a second coat of 0.8 to 1.2 liters/m² (2 to 3 gal/100ft²) and a second layer of fabric. Apply a top coat of 0.8 to 1.2 liters/m² (2 to 3 gal/100ft²) so that no fabric is visible when dry. Do not backfill until coating is dry.

CLEAN-UP AND DISPOSAL:

Mineral spirits or kerosene.

See Material Safety data Sheets for proper disposal.

STORE IN COOL AREA FOR COMBUSTIBLES

PACKAGING:

19 liter (5 gal.) containers

208 liter (55 gal.) containers

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