

## 1. Description and area of application

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.



## 2. Field Application\*

Surfaces must be dry, free of frost, oil and grease and below 60°C (140°F). Dust or other loose material must be removed

This material must be thoroughly mixed prior to use. Be sure you have read and understand all instructions, cautions, and information on the Safety Data Sheets before using.

**ABOVE GROUND:** See CAUTION. Spray or trowel a tack coat of 0.8 to 1.2 liters/m<sup>2</sup> (2 to 3 gal/100ft<sup>2</sup>) 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/m<sup>2</sup> (4 to 5 gal/100ft<sup>2</sup>). 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 recommends that the PITTCOTE® 300 finish be coated with aluminum roof coating or covered with metal or other UV resistant jacketing.

**UNDERGROUND:** See CAUTION. On underground lines, flash polyester film from lapping or areas of PITTCOTE® jacketing to be coated. When using PITTCOTE® 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/m<sup>2</sup> (2 to 3 gal/100ft<sup>2</sup>) and embed PC® Fabric 79, lapping edges 10 cm (4 in). Apply a second coat of 0.8 to 1.2 liters/m<sup>2</sup> (2 to 3 gal/100ft<sup>2</sup>) and a second layer of fabric. Apply a top coat of 0.8 to 1.2 liters/m<sup>2</sup> (2 to 3 gal/100ft<sup>2</sup>) so that no fabric is visible when dry. Do not backfill until coating is dry.

## 3. Type of Delivery and Storage\*

19 l (5 gal.) pails    208 l (55 gal.) Drums

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).

Consult Safety Data Sheet for additional storage and handling information.

## 4. Coverage

Standard application requires:\* 2.5 to 3.3 l/m<sup>2</sup> (6 to 8 gal/100ft<sup>2</sup>)    Cured coating thickness: 2.4 to 3.3 mm (95 to 130 mils)

\*Excluding losses

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5. Typical Properties <sup>A</sup>

Property	Test Method	SI Value	Imperial Value
Color:	-	Black	
Density:	-	1.02 kg /l	8.5 lbs. / gal
Solids Content:			
Spray:	-	61.5 to 65.5 %wt. (50.7 to 54 %vol.)	
Trowel:	-	66 to 70 %wt. (56.5 to 60 %vol.)	
Flash Point: <sup>B</sup>	PMCC	≥38.8°C	≥102°F
Flame Resistance: (cured)		Combustible	
Application Temperature:	-	10 °C to 49°C	50°F to 120°F
Material: Surface: (Minimum)		5°C	40°F
Service Temperature:			
Max.	-	93 °C	200°F
Min.	-	-40°C	-40 °F
Solvent	-	Mineral Spirits	
Drying Time <sup>C</sup> : @ 25°C (77°F)		Touch – 2hrs.; Firm – 24hrs; Through - 14 days	
Water Vapor Permeability:	ASTM E96 Procedure B	0.004 ng/Pa•s•m	0.003 perm-in
Perms @ 1.3mm (50 mil) thickness			0.06

<sup>A</sup> Properties subject to change. Consult Pittsburgh Corning.<sup>B</sup> Uncured<sup>C</sup> Will vary with weather conditions and thickness.

## 6. Limitations

Keep container closed when not in use.  
Do not use where odor could affect food.  
Store in cool area for combustibles.

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