

PITTCOTE[®] 404 W Coating

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Date: 31.03.2015

Replaced: 01.10.2014

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FOAMGLAS

1. Description and area of application

PITTCOTE[®] 404 is a highly flexible, acrylic latex coating. PITTCOTE[®] 404 is used as a weather barrier on FOAMGLAS[®] insulation with a glass fibre (PC[®] 150) reinforcement.



2. Application

2.1 Preparation of the substrate

The surface should be clean, dry and free from all traces of grease, rust, dust, oil, and moisture. Metal surfaces should be primed with a suitable primer.

2.2 Preparation of the coating and application guideline

Stir well before using. May be diluted 5% of volume with clean water (0.9 litre for unopened drum) while taking care to mix it progressively.

- Apply tack coat of 1 to 1.5 kg/m². Immediately embed reinforcing (PC[®] 150) with an overlapping of minimum 7 to 10 cm. Apply within two days a second coat of 1.5 to 2 kg/m².
- If the insulation coating is exposed to severe conditions like sand wind, a protection layer should be applied on PITTCOTE[®] 404 to reinforce its surface. Chemglaze II A 276 aliphatic urethane from Lord Chemical has been successfully used for this application. PITTCOTE[®] 404 has to be FULLY dry before applying the Chemglaze finish. (Depending on climate conditions and PITTCOTE[®] 404 thickness drying time can take days or weeks).
- PITTCOTE[®] 404 can be applied by spray, trowel, brush or glove.
- Joint sealers which are used under a PITTCOTE[®] 404 coating must be PITTSEAL[®] 444 or PC[®] 88 ADHESIVE.
- Close the drum after use.

2.3 Cleaning the tools

Clean equipment and spills with water before residues dry.

2.4 Limitations

- Protect from freezing. Store and ship between +5 °C and + 45 °C.
- Do not apply if temperature is below 5 °C or if rain is expected within 24 hours on the covered surface. - Do not use this coating where water may pond. - Do not use on metal surface without primer. - PITTCOTE[®] 404 W should not be used in food storage areas. - Not exceed the recommended layer thickness, otherwise drying time becomes to long.
- The drying time should be respected.

2.4 Product Safety Notice

All material safety data sheets (MSDS) are available. They aim to ensure a safe handling of the product and correct disposal.

- Avoid prolonged contact with skin. Wash hands after use.
- Avoid inhaling and always wear a mask when spraying it like any other paint.
- If splashed in eyes, flush with clean water and see a physician.

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3. Type of delivery and storage

Delivered in drums of 25 kg

- Store cool and dry in well-closed containers.
- Protect against heat and direct exposure to sunrays.
- Protect against frost.

4. Consumption

Coverage : 2.5 to 3.5 kg/m²

These quantities are for guidance only; they depend on the properties of the substrate, the thickness of the FOAMGLAS® slabs, the application and site conditions, etc

5. Key data

Type	One-component adhesive
Basis	Acrylic based coating with high flexibility
Consistency	pasty
Service temperature	- 35 °C to + 80 °C
Application temperature (air + basis surface)	min. + 5 °C
Application time	at 20 °C: approx. 90 minutes
Drying time at 25 °C	3 hours by dry weather (to touch)
Dehydration time	48 h by dry weather (through)
Mass density	approx. 1.3 kg/dm ³
Colour	white
Water vapour diffusion resistance	μ = app. 2 500
Water solubility	insoluble after complete drying
Solvents	none
Reaction to fire (EN 13501-1)	-
VOC	60 g/l
Giscode	-
Permeability	0.075 perm cm
Flash point (wet)	Non-flammable
Flame spread, dry [ASTM E 162]	17
Solids	50 % of volume

The physical properties indicated above are average values, which are measured under typical conditions. These values may be influenced by insufficient mixing, the type of laying, the layer thickness and the atmospheric conditions during and after application. In particular drying times are affected by temperature, air humidity, direct sunlight, wind, etc.

Additional information can be found in our technical data sheets (TDS). Our liability and responsibility are guided exclusively by our general terms and conditions and are not expanded by the statement of our technical documents nor by the advice of our technical field service.