



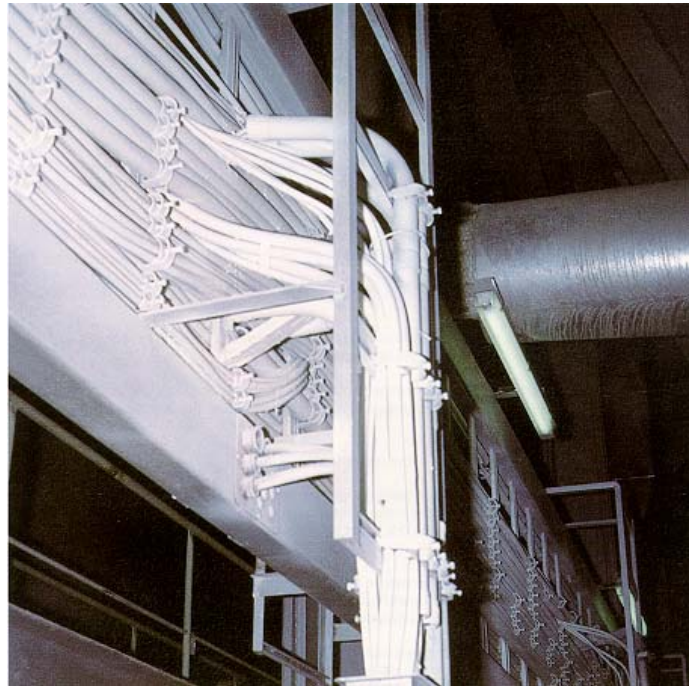
RENITHERM[®] PMC AB

Ablation fire retardant coating for electrical cables

Renitherm[®] PMC AB is a solvent-free coating for electrical cables laid horizontally or vertically.

Properties

- Solvent free
- Free from halogens
- Resistant to oil and petrol spills
- Weatherproof and UV resistant
- Ageing resistant
- Viscoelastic, abrasive resistant
- Free from plasticizer
- No asbestos
- Non toxic
- Decontaminable
- Temperature resistant down to - 40 °C after application
- For indoor and outdoor application
- Tested and approved by Germanischer Lloyd acc. to IEC 60331-21:1999 and IEC 60332-3



Application

Recommended conditions for application:

- Material and air temperature > + 5 °C, humidity < 80%
- Renitherm[®] PMC AB has to be stirred thoroughly before use by a slow running stirrer
- Application by brush, roller or airless spraying (0.023" – 0.025"

Coverage rate:

- Approx. 1.35 mm wet = 1.00 mm dry = 1.82 kg / sqm
- Thinning with water, maximum 3%

Technical Data

Colour	white
Density	1,30 – 1,35 g/cm ³
Solid content	72 ± 2,5 %
Oxygen Index (LOI)	> 94%
Heat transmission	$\Delta = 0,65 \text{ W/mK at } 25 \text{ }^\circ\text{C}$

Drying times

The drying time depends on temperature and humidity. At a temperature of approx. +20°C and a humidity of approx. 65%, the drying time is as follows:

- Dust dry approx. 3 hrs
- Touch dry approx. 6 hrs
- Fully cured approx. 24 hrs

Environment, Health and Safety Data

- No danger classification
- Keep off food
- Take notice of the material safety data sheet

Storage and Transport

Renitherm[®] PMC AB should be stored internally between +5 °C and +30 °C. Do not store below +5 °C. At temperatures above 25 °C the shelf life will be reduced. Shelf life normally is 12 months in originally sealed containers.

Packaging

25 kg pails

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be constructed as guaranteeing specified properties of products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.

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