



Intumex® AC - Cable Coating

General

Intumex® AC is a water based ablative cable coating designed for the fire protection of single cables and cable bundles.

Area of Application

⇒ Cable coating for vertical and horizontal cable ways to prevent spread of fire

System Advantages / Customer Benefits

- ⇒ Water based
- ⇒ Highly flexible
- ⇒ Good adhesion properties

Technical Data

Colour	white
Consistency	liquid
Density	1.5 ± 0.2 g/cm ³
Viscosity	60-100 Pas
Content of solids	approx. 80 %

Test Certificate / Approval

⇒ FM approved

Packaging

⇒ 22 kg metal pails. 36 pails per pallet.

Storage Requirements

- ⇒ Store in cool and dry conditions
- ⇒ Protect from heat and frost
- ⇒ Shelf life of original sealed containers at least 12 months
- ⇒ Once opened, containers should be finished swiftly

Safety Instructions

- ⇒ Keep out of reach of children
- ⇒ Avoid contact with food and beverages
- ⇒ Please refer to the safety data sheet for additional advice



Application on cables

- ⇒ Stir Intumex® AC well (we recommend a mechanical mixer)
- ⇒ Intumex® AC can be diluted (maximum 1.5 litres clean water to each 12.5kg container)
- ⇒ Intumex® AC can be applied with a brush, roller or airless device
- ⇒ Drying time approx. 8 hours at 20°C and a relative humidity of 65% per 1mm
- ⇒ 1mm dry film thickness is equivalent to 1.28mm wet film thickness (approx. 1800g/m²)
- ⇒ Conditions for application minimum +5°C, maximum +40°C for both substrate and ambient temperature; relative humidity of more than 65% will result in extended drying times; substrate must be free of oil, grease and heavy layers of dust;
- ⇒ Spray coating crosswise that cables are well covered. Recommended dry film thickness on cables is 1.0mm; for cable bundles and cable trays increase coverage by 25 %.
- ⇒ Where cables are close to wall, stuff mineral wool between cables and wall and coat over.
- ⇒ The required thickness could be applied in one coat.
- ⇒ For better adhesion on vertical cables it would be recommended to apply first a thin layer of coating, let it dry and then final coat.