

Intumex® AC Cable Coating

Water based ablative cable coating designed for the fire protection of single cables and cable bundles.

Fire stopping



Intumex®
ASIA PACIFIC



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/cm³
Viscosity	60-100 Pas
Content of solids	approx. 80 %

Test certificate/approval

- ⇒ FM approved

Packaging

- ⇒ 25 kg metal pails. 36 pails per pallet.

Storage requirements

- ⇒ Store in cool and dry conditions
- ⇒ Protect from heat and frost
- ⇒ Shelf life – minimum 12 months
- ⇒ Contents of pail should be utilised soon after opening

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 thoroughly until completely homogeneous — a mechanical mixer is recommended (maximum three litres clean water to each 25kg container)
- ⇒ Depending on application conditions 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. eight 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, substrate temperature 3°C above dewpoint; 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 so that cables are well covered. Recommended dry film thickness on cables is 1.60mm; 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.
- ⇒ For sprayed applications, the required thickness can be applied in one coat
- ⇒ For better adhesion on vertical cables, it is recommended to first apply a thin layer of coating, allow to dry before applying a final coat.

Intumex® products must be applied in accordance with EU directives and national regulations for construction material in general, and fire stopping in particular, with the applicable national test certificates and approvals, and in accordance with applicable national building regulations. Products may only be applied by trained professionals with adequate knowledge of and experience in the use of fire stopping products, and only after a thorough review of the installation guidelines, the safety data sheets, and the national test certificates and approvals. All the relevant documents can be obtained free-of-charge by contacting Intumex® Asia Pacific or from your local dealer via telephone or in writing; in addition all installation guidelines and the safety data sheets can be downloaded free-of-charge from the Intumex® Asia Pacific website (see www.intumex-fs.com).

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