

Intumex® AN Fire Stopping Acrylic

Fire stopping system for cables and joints, combustible insulation.

Fire stopping



Intumex®
ASIA PACIFIC



Intumex® AN - Fire Stopping Acrylic



General

Intumex® AN is an acrylic based, single component fire stopping sealant. Joints without movement can be sealed quickly thanks to its outstanding application qualities. A common emulsion paint can be used to colour the joints.

Area of Application

Intumex® AN is a fire stopping sealant for joints in walls and floors. It is designed for use with joints without movement to seal against the spread of smoke and fire.

System Advantage / Customer Benefit

- ⇒ Can be painted
- ⇒ Good adhesion to various substrates

Technical Data

Colour	white/grey
Consistency	paste
Density	wet : $1.6 \pm 0.2 \text{ g/cm}^3$ dry : $1.8 \pm 0.2 \text{ g/cm}^3$
Solid Content	$86 \pm 5 \text{ wght.}\%$
Ash Content	approx. 70 % (600 °C, 15 minutes)
Movement Capabilities	elongation minimum 15% compression minimum 15%

Test Certificate / Approval

- ⇒ EN 1366-4 (joints), EN 13501-2/classification reports
- ⇒ ÖNORM B 3807

Packaging

- ⇒ 310 ml cartridges, 25 tubes per carton, 1200 tubes/pallet
 - ⇒ 600 ml foil packs upon request
 - ⇒ 16 kg plastic buckets upon request
- Subject to change!

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

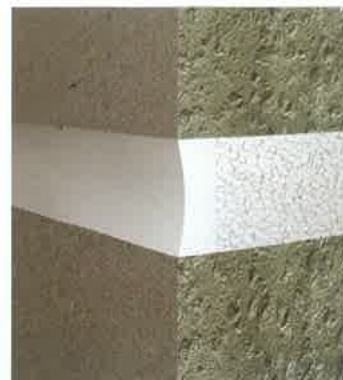
Safety Instructions

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



Basic Requirements for Creating a Penetration

Determine the required period of fire resistance of the element, and for loadbearing structures, ascertain the required load. The area to be sealed requires the same fire resistance as the complete floor or wall construction. In order to ensure the stability of the services is maintained under fire conditions, we recommend that all services must be adequately supported at maximum 250mm away from the wall or floor on both sides of the penetration. System fixings, impact protection and suspension elements must be steel. Monal alloys, aluminium etc are not permitted. Accessories such as guard-rails, steel angles, threaded rods. Suspension elements etc. must only be fixed to adjacent solid substrates such as concrete or masonry.



General Information

Fire stopping sealant expands without pressure;

Minimum width of joints 5 mm;

Skin formation after approx. 15 minutes (20 °C and a relative humidity of 65 %);

Painting is possible after 24 hours; adhesion and compatibility must be checked;

Once opened containers should be fully used as soon as possible;

Clean tools with water after use.



Application Conditions

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 dust;

Use water to dampen or water-diluted Intumex® AN and act as a primer for absorbant substrates.



Intumex® AN - Installation Guidelines



Theoretical Consumption per 310 ml Cartridge

Joint width	10 mm	15 mm	20 mm	25 mm	30 mm	40 mm	50 mm
Joint depth							
10 mm	3.1 lfm	2.0 lfm	1.5 lfm	1.2 lfm	1.0 lfm	0.8 lfm	0.6 lfm
15 mm	2.0 lfm	1.3 lfm	1.0 lfm	0.8 lfm	0.6 lfm	0.5 lfm	0.4 lfm
20 mm	1.5 lfm	1.0 lfm	0.7 lfm	0.6 lfm	0.5 lfm	0.4 lfm	0.3 lfm



Installation: Wall and Floor Condition

- ⇒ Clean opening and if necessary penetrating services;
- ⇒ Mask out the working area on the wall/floor with tape;
- ⇒ Insert mineral wool tightly as backing material;
- ⇒ Apply correct thickness of sealant;
- ⇒ Smoothen the sealant surface before skin formation with water-moistened brush or spatula;
- ⇒ Remove tape;
- ⇒ Fix identification label.

For additional information on how and where to use this product, please contact Intumex® Asia Pacific or visit the Intumex® website at www.intumex-fs.com

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).