

2 - Tecsel® Intumescent mastic

EI 120 - EI 180 - EI 240

- **Internal use: Acrylic resin.**
- **External use: Neutral curing silicone**

Tecsel® Intumescent mastics are intumescent sealants that are specially designed for joints in building construction and door frames, as well as small gaps in firebreak material.

When exposed to fire, **Tecsel® Intumescent mastic** expands, preventing the spread of gases and limiting the increase of temperature through the various compartments of the building.

Fire resistance achieved depends on the size of the joint and the characteristics of the gaps to seal.

Tecsel® Intumescent mastic is very easy to apply. Once dry, it forms a flexible seal with strong adherence to the most commonly building materials. These elastic properties prevent the mastic from transferring any stress to the edges of the joint.





TESTS

Standard: UNE EN 1366-4,

Laboratory: CIDEMCO TECNALIA.

Test N°: 26445-4, 26445-5.

APPLICATION AND USE

Before application, make sure that the surface to be treated is clean and dry.

The mastic is applied manually, by using an injection gun.

Applying an additional substrate of filler inside the joint helps to make sure the correct depth is achieved.

To create an even finish, it is advisable to cover the edges of the joint with adhesive tape or similar and gently smooth over the surface with a slightly wet trowel.

It is important to check that all cracks have been filled in properly and the adhesion level between the substrate and the mastic.

Tecsel® Intumescent mastic for internal use can be painted is adequate whereas paint cannot be applied to the mastic for external use.

For more information, please contact our technical department.

PERFORMANCE

Productivity is calculated using the following formula:

$$L = 300 / A \times P$$

Where:

L= Length achieved per cartridge in metres.

W= Width of the joint in mm.

D= Depth of the joint in mm

SOLUTIONS

TECSEL® INTUMESCENT MASTIC EXTERNAL NEUTRAL CURING SILICONE. MAXIMUM WIDTH 30 MM EXTERNAL USE

Vertical surface				
Width	Depth	Fill	Classification	Type
10	10	PE	EI 120	Single
10	10	PE	EI 180	Double
20	10	PE	EI 240	Double
30	15	PE	EI 240	Double
10	10	LR	EI 240	Single
20	10	LR	EI 240	Double

TECSEL® INTUMESCENT MASTIC INTERNAL ACRYLIC RESIN. MAXIMUM WIDTH 30 MM INTERNAL USE

Vertical surface				
Width	Depth	Fill	Classification	Type
10	10	PE	EI 180	Single
10	10	PE	EI 240	Double
20	10	PE	EI 180	Double
30	15	PE	EI 240	Double
10	10	LR	EI 240	Single
20	10	LR	EI 240	Double

