

1 - Tecbor® Joint paste ready to use

Tecbor® Joint paste ready to use is an ablative coating containing an aqueous dispersion of ablating polymers that produce an endothermic reaction in event of fire, thereby preventing the spread of flames and limiting the propagation of fire and smoke.

Tecbor® Joint paste ready to use is most commonly used for to protect cables trays in order to ensure that electricity is maintained during a fire, and to form secure joints in ductwork formation.

PASTA DE JUNTAS TECBOR® PREPARADA PARA PROTECCIÓN CONTRA EL FUEGO

Registros y certificados:
Inglaterra: YARSLEY Technical Services, Redhill, Rep-No. J 90150/1, Warrington Fire Research, Warres No. R 12227, Warres No. R10749.
Suecia: Swedish National Testing Institute, Stockholm, Nr. 89 R 10125 A.
Noruega: SINTEF, Trondheim, Nr. 250.000.30/89.005-6, 250.000.30/89.005-7, 250.000.30/89.005-1.
Holanda: TNO, Delft, Nr. 82 BV 1063.
Francia: Applus, Nr. 10190172-2731, Part. 2m2, 07/32301097.
España: CIDEMCO, Nr. 13742.

Datos de interés:

Instrucciones: aplicar con espátula o con aireless.
Superficie: limpia, seca y adecuadamente preparada. Puede rebajarse con agua, hasta obtener una viscosidad adecuada para su aplicación con pistola.
Espesor de aplicación: 2-3 mm máximo.
Temperatura de trabajo: no menor de 5°C.
Temperatura recomendada de almacenaje: entre 5°C y 35°C (proteger del hielo y de la luz solar directa).
Validación: 35 meses (ver fecha de fabricación).
Precauciones: evitar respirar con agua fría.
Precauciones de uso: no usar en ambientes con alto nivel de humedad o con presencia de agua.
Precauciones de almacenamiento: almacenar en un lugar seco y protegido de la luz solar directa.
Precauciones de transporte: almacenar en un lugar seco y protegido de la luz solar directa.
Precauciones de uso: no usar en ambientes con alto nivel de humedad o con presencia de agua.
Precauciones de almacenamiento: almacenar en un lugar seco y protegido de la luz solar directa.
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FIRE PROTECTION
TROWEL ON
COATING
TECBOR®
JOINT PASTE
READY TO USE

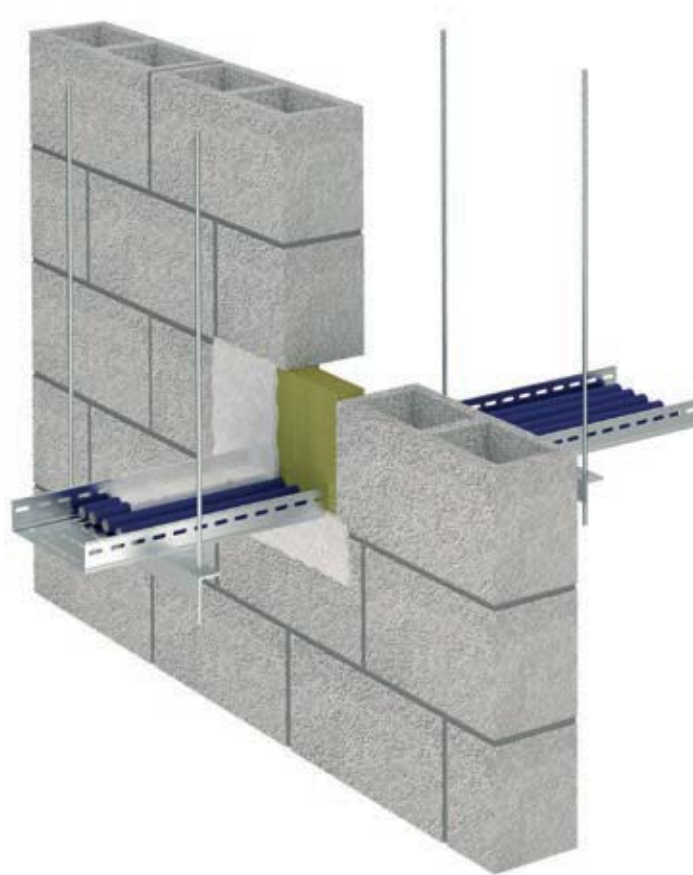
FIRE PROTECTION
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TECHNICAL CHARACTERISTICS AND SPECIFICATIONS

pH-value	Approx. 8.
Colour	Greyish-white.
Odour	Faint.
Viscosity	Light paste.
Flash Point	Non-flammable.
Solids	66% - 76%.
Density	1,55 ± 0,07 g/cm ³ .
Diluent	Add the quantity of water required to obtain the desired viscosity. Dilute at around 5%.
Productivity	Approx. 2,05 kg/m ² for a 1 mm dry-layer.
Drying time	Between 24 and 72 hours, depending on temperature, humidity and the thickness of the layer applied. Full cure is achieved a week after being applied.
Hazard type	No recognised hazards according to EU regulations.
Toxicity	The combustion vapours are toxicologically inoffensive, according to DIN 4102 – A2, 08.09.1986, of RWTH Aachen, issued by Elektrophysik Aachen GmbH, 11.12.1997
Storage	Recommended storage temperature 5 °C - 30 °C.



1.1 CABLE AND PENETRATION SEALS EI 120 - EI 180 EI 240



Tecbor® Joint paste ready to use

The combination of 145 kg/m³ rock wool with **Tecbor® Joint paste ready to use**, creates a comprehensive sealing system for all types of installations.

It is especially useful for protecting metallic trays through which cables are run and that are located on both decking and walls, as well as on rigid and flexible supports.

Ducts that are not properly sealed off become genuine chimneys in the event of a fire. In addition to the possibility of vertical propagation, the ducts must also be horizontally sealed in order to prevent them from transferring the fire between different compartments on the same floor.

Tecbor® Joint paste ready to use is the perfect solution for preventing the propagation of a fire through the service shafts.

TEST POSITION	THICKNESS	EI
Horizontal	50 mm	120
Horizontal	40 + 40 mm	240
Vertical	40 + 40 mm	240
Vertical	50 mm	120



TESTS

Standard: UNE EN 1366-3

Laboratory: CIDEMCO and TECNALIA

Test N°: 064903-001-3 / 064903-001-4.

APPLICATION AND USE

Tecbor® Joint Paste ready to use is a pre-mixed coating.

Before application, it is advisable to stir the paste. Add the quantity of water required to obtain the desired viscosity.

Before application, check that the surfaces are clean and free from any oil or dust.

Apply with airless spray gun. For smaller holes, a trowel or brush may be used.

Once applied, the product can withstand temperatures ranging from -40°C to $+80^{\circ}\text{C}$ with no chemical degradation, decolouration or reduced efficiency.

It is not susceptible to humidity and can therefore be used outside. If there is too much humidity when creating the seal, it is advisable to apply the paste in various layers, thereby facilitating the drying process.

Contact our sales department for more information.

Application procedure:

- 1 Services crossings cables trays that cross over various fire compartments.
- 2 Rock wool placement. Measure the gap to be covered and cut the wool to size. Take special care to cover even the smallest cracks that appear on the cables and the supporting structure.
- 3 Apply the **Tecbor® Joint paste ready to use** over both sides of the wool on cables, apply at least 200 mm on each side. The paste will be at least 1.1 mm thick when dry.



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SEALING SYSTEMS

