

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 Testing
RI0749, Suecia: Swedish National Testing
Institute, Stockholm, Nr. 89 R 10125 A
Noruega: SINTEF, Trondheim, Nr. 250.000.30/89.005-6,
250.000.30/89.005-2, 250.000.30/89.005-1
Holanda: TNO, Delft, Nr. 82 BV 1063 Francia:
Nr. 10-H-505, 11-F-602 España: Applus, Nr.
10190172-2731, Part. 2m2, 07/32301097
CIGSACQ Nr. 13742

Datos de interés:

Instrucciones: aplicar con espátula o con airless.
Superficie: limpia, seca y adecuadamente
preparada. Puede trabajarse con agua, hasta
conseguir una viscosidad adecuada para su
aplicación con airless.
Espesor de aplicación: 2-3 mm máximo.
Temperatura de trabajo: no menos de 5°C.
Temperatura recomendada de almacenaje:
entre 5°C y 30°C (proteger del hielo y de la luz
directa solar).
Conservación: 18 meses (ver fecha de fabricación
máxima).
Preparación: limpiar, limpiar con agua limpia
y secar. No mezclar con otros productos.
Precauciones: P412 - Mantener lejos de organismos
aquáticos. P273 - Evitar la liberación de sustancias
en el medio ambiente.
Precauciones: P201 - Leer las etiquetas.
P202 - Antes de usar, leer todas las etiquetas.
P273 - Evitar la liberación de sustancias en el medio
ambiente.
Precauciones: P273 - Evitar la liberación de sustancias
en el medio ambiente.
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en el medio ambiente.

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FIRE PROTECTION
TROWEL ON
TECBOR®
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TECHNICAL CHARACTERISTICS AND SPECIFICATIONS

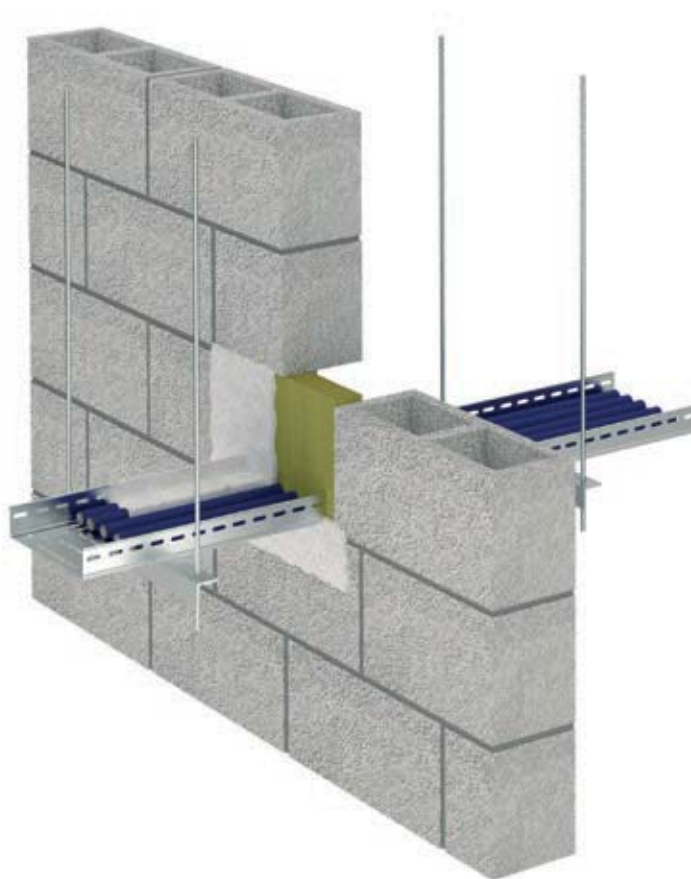
| | |
|---------------------|---|
| pH-value | Approx. 8. |
| Colour | Greyish-white. |
| Odour | Faint. |
| Viscosity | Light paste. |
| Flash Point | Non-flammable. |
| Solids | 66% - 76%. |
| Density | 1,55 ± 0,07 g/cm ³ . |
| Diluent | Add the quantity of water required to obtain the desired viscosity. 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. |

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SEALING SYSTEMS



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



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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 stand 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 least 300 mm on each side. The paste will be at least 1.5 mm thick when dry.



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