

## Alsitherm Miwo 035 Firebreak FKD-T

Mineral wool insulation boards as a fire stop or fire barrier, to prevent flame spread and flashover for alsecco facade insulation systems



### AREAS OF APPLICATION

Mineral-wool insulation boards in alsecco façade insulation systems as fire flashover strips or non-flammable fire barriers

in ETIC systems with EPS as insulation material.

### PRODUCT PROPERTIES

- Area of application according to DIN 4108-10: WAP-zg
- Approved according to the Ordinance on Hazardous Substances (GefStoffV), List of Prohibited Hazardous Substances (ChemVerbotsV and EU Directive 97/69 (note Q))
- Quality controlled according to DIN EN 13162 and general approval by building authorities
- Fire protection measures for room and base area scenarios
- Fireproof
- Insulation board according to DIN EN 13162 - T5-DS(70,-)-CS(10)10-TR5-WL(P)-MU1

### TECHNICAL DATA

Fire behavior	A1 according to DIN EN 13501
Thermal conductivity $\lambda$	Rated value: 0,035 W/(mK) in accordance with DIN 4108-4
Dimensions	1200 x 200 mm
Thickness	100 - 300 mm
Melting point	$\geq 1000$ °C
Tensile strength at right angles to board (to DIN EN 13163)	$\geq 5$ kPa
Water vapour diffusion resistance $\mu$	approx. 1 according to DIN EN 12086
Density	approx. 105 kg/m <sup>3</sup>
Coatings	White on both sides

## APPLICATION INSTRUCTIONS

Substrate pre-treatment	Pretreat substrates according to the application instructions for the adhesive.
Application as fire flashover strip or fire barrier	<p>Full-surface adhesive application with approved, mineral adhesive mortars according to general approval by the building authorities on the uncoated side of the insulation board. Grout the adhesive into the fibres of the insulation boards. Butt insulation boards together.</p> <p>Do not apply any adhesive to butt or bed joints</p> <p>Application as above, but fully bonded with approved mineral adhesive mortars in accordance with the general building inspectorate approval document.</p> <p>FireBreak 035 in accordance with general building inspectorate approval for the ETICS; fix in position with at least 3 (Plug disc diameter at least 90 mm) anchors for each FireBreak strip.</p> <p>When used as part of a system in conjunction with a thin-layer reinforcement product, we recommend first applying a layer of the system reinforcement compound to the non-flammable fir</p>
Informations	<p>The insulation material is not suitable for the incorporation of spiral plugs and mounting elements such as DoRondo-PE mounting cap or ZyRillos mounting cylinder, which are solely adhered to the insulation material. Components can only be fixed using corresponding mounting elements in insulation thickness.</p> <p>Unrendered insulation boards on the facade must be protected against moisture and coated with reinforced undercoat render as soon as possible.</p> <p>Do not install damaged insulation boards.</p>

## PACKAGING INFORMATION

Colour	White
Packaging unit	Please also refer to the current product range

## OTHER INFORMATION

Information on safety	The information provided in the current safety data sheet applies.
Transportation	Not a hazardous material
Waste code	17 06 04(class II waste disposal, household and construction waste disposal)

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The above information is based on many years of experience and tests and is provided by us to the best of our knowledge. Such information applies in addition to our application guidelines. However, we cannot accept any responsibility for the correctness of our recommendations on account of wide variety of substrates and of on-site conditions and applications which are outside our control. Any recommendations provided by our employees and deviating from these documents must be given in writing. We reserve right to make any changes on account of technical progress or building regulations. Your technical advisor will be pleased to provide the relevant product data sheets.



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