

Technical Data Sheet

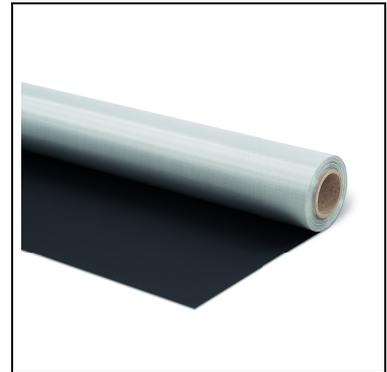
## ME017

### FACADE MEMBRANE A2 black

17-03-2025 / V 4

#### Description

ME017 is a highly breathable and UV-resistant facade membrane of fire protection class A2-s1,d0 for permanent sealing of external facade areas behind open or closed facade-claddings. Its non-combustibility makes it the perfect product solution for high-rise facades with increased fire protection requirements.



#### Features and Benefits

- Reaction to Fire Class A2-s1,d0
- watertight W1 and driving rain tight
- highly breathable and vapour-open
- safe and robust on site, with high tensile strength
- high UV protection and black surface coating for usage behind open facades

#### Usage Purpose

ME017 is especially suitable as breathable facade membrane for buildings with increased fire protection requirements. In combination with the ME357 Adhesive Tape A2 black, it is used as an external breather membrane to cover entire facade areas which require a good weather resistance and the reaction to fire classification class A2-s1,d0 according to EN13501-1.

#### Packaging

Available in 1.5m x 50m per roll.

#### Available Colour

black

#### Storage

cool, dry and not exposed to direct weathering and UV-radiation in original packaging

#### Technical Characteristics

|   |            |                      |
|---|------------|----------------------|
| Grammage                                      |            | 230 g/m <sup>2</sup> |
| Reaction To Fire                              | EN 13501-1 | A2-s1,d0             |
| Resistance To Water Penetration               | EN 1928    | W1                   |
| Maximum Tensile Strength Lengthwise/Crosswise | EN 12311-1 | 4200 / 3100 N/50mm   |
| Tear Resistance                               | EN 12310-1 | 290 / 390 N          |

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|                                |              |  |
|--------------------------------|--------------|--|
| Water Vapour Permeability (Sd) | EN ISO 12572 | 0.08m  |
| Air Permeability               | EN 1026      | < 0.1 m <sup>3</sup> /(h m (daPa)n]  |
| UV Resistance                  |              | 9 months without cladding<br>durable behind open facades with max 30mm joints and 30% coverage |

#### Substrate Preparation

Ensure surfaces are clean, dry, free from dust and any other contaminants that may affect the application of ME017.

#### Application

ME017 is applied directly from the roll in horizontal or vertical alignment on the facade. Use double-sided adhesive tape strips or mechanical fixings as staples to attach ME017 to the substrate. Membrane joints and overlaps must be carried out with an overlap of at least 10cm. They can be sealed by using the suitable Illbruck adhesive tapes ME355, ME356 or ME357. Use the façade substructure or counter battens to secure ME017 to the facade from the outside in the long term.

#### Guarantee / Warranty

insert local guarantee standards

#### Technical Service

insert local technical support contact