

## Processing instructions

**Transparent construction waterproofing for the protection of wooden structures during transportation, installation and construction.**

- Protects the structure from the weather during the construction phase
- Waterproof, diffusion-retardant and airtight (therefore suitable as a vapor barrier)
- 12 weeks outdoor weathering
- Can also be used on slightly damp substrates
- Waterproof acrylic adhesive ensures secure adhesion to the substrate and in the overlap area
- Can be peeled and bonded again, e.g. in the event of creases or blistering
- After 24 hours the acrylic adhesive reaches it's full adhesive force
- The temporary protection membrane is transparent: markings, connectors and openings of the ceiling remain visible
- Safe working: slip-resistant surface even when exposed to moisture



## Substrates

Substrates must be sufficiently dry and stable. Clean substrates and remove protruding components before bonding. Bonding is not possible on frozen substrates. There must be no repellent substances on the materials to be bonded (e.g. greases or silicones). Test bonding is recommended before laying.

## Installation

**CaSec Protect 70** is laid with the printed side facing upwards on stable, board-shaped substrates (e.g. OSB, chipboard and plywood). Align with an auxiliary line (e.g. flapping cord) and peel off the wide silicone release strip first. Lay the release strip back along the roll and then unroll slowly. Rub well on the substrate with a broom or surface wiper.

For water-repellent installation, it is necessary that the sheets are laid without creases. When laying, rub the sheets well, e.g. with a broom, and move any bubbles to the edge. Indentations and grooves in the substrate encourage water to run behind them and should therefore be avoided wherever possible.

The overlap width on both elements is at least 10 cm.

Alternatively, a 30 cm wide strip can be used for butt bonding.

The connection height to rising components is approx. 15 cm.

**CaSec Protect 70** protects your CLT and timber frame constructions for up to 3 months against all weather conditions.

Water must be drained away from the component surface, e.g. using appropriate floor drains. A short-term accumulation height (max. 1 day) of up to 30 mm must not be exceeded.

## Notes

- Heavy rainfall must be able to run off in a controlled manner. We recommend installing appropriate drains to prevent permanent standing water.
- Professional planning, execution and on-site inspection are required.
- Connections to adjacent components and penetrations must be made in accordance with the instructions for use.

## Technical data:

| PROPERTY                                 | REGULATIONS     | VALUE     |
|--|-----------------|-----------|
| Weight per unit area (g/m <sup>2</sup> ) | DIN EN 1849-2   | > 235     |
| Gross weight (g/m <sup>2</sup> )         | DIN EN 1849-2   | > 70      |
| Thickness (mm)                           | DIN EN 1849-2   | > 0.39    |
| Tear resistance (L) (N/5 cm)             | DIN EN 12311-2A | > 180     |
| Tear resistance (T) (N/5 cm)             | DIN EN 12311-2A | > 160     |
| Elongation (L) (%)                       | DIN EN 12311-2A | > 90      |
| Elongation (T) (%)                       | DIN EN 12311-2A | > 90      |
| Nail tear resistance (L) (N)             | DIN EN 12310-1  | > 140     |
| Nail tear resistance (T) (N)             | DIN EN 12310-1  | > 160     |
| Adhesion                                 | Interne PV      | ✓         |
| Class E fire behavior                    | DIN EN 13501    | fulfilled |
| Water pressure resistance (cm WS)        | EN ISO 811      | > 400     |
| Water vapor permeability (m)             | EN 1931         | > 3.5     |

|      | WIDTH   | LENGTH | DIVISION SILICONE LINER |
|------|---------|--------|-------------------------|
| Roll | 1.50 m  | 40 m   | 20 cm + remainder       |
| Roll | 0.75 m  | 50 m   | centered                |
| Roll | 0.375 m | 50 m   | centered                |

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(all technical data sheets prior to this date are no longer valid)

