

## EFFISUS BONDING KT ADHESIVE

### DESCRIPTION

Effisus Contact Adhesive is a ready-made contact adhesive for the high performance bonding of:

Effisus Ecofacade membranes (steam diffusionable EPDM sheeting).

**The adhesive is only suitable for smooth and even substrates.**

### TECHNICAL DATA

#### Substrates

All customary mineral construction substrates (concrete, breeze and aerated concrete, chalky sandstone, brick, clinker, plaster).

PVC, aluminium or wooden windows.

Aluminium (untreated, anodized, powder-coated).

Timber (please carry out a test bond in case of coatings).

Sealing strips to each other.

Primer use is needed in very absorbent surfaces. (e.g., celular concrete).

The adherents need to be clean, dry, solid and free from grease, oil and separating agents! Even if they appear to provide sufficient carrying capacity, concrete surfaces should be checked by scratching with a nail. (Concrete veils!)

#### Please note

Only use on truly smooth, even substrates because this is a classic contact adhesive method with a low application thickness.

In case of doubt or if the sealing requirements are higher, please use Effisus Bonding KF Adhesive!

#### Bonding temperature

≥ 5°C

If Effisus Coat NP Primer is applied, bonding operations can be carried out at temperatures down to -10°C and on damp (absorptive) construction substrates.

***Only absorptive substrates need to be primed! Non-absorptive substrates need to be clean, dry solid and free from grease, oil and separating agents!***

If the connecting operation is carried out in low temperatures, the possibility of potential glaciation needs to be excluded absolutely.

If the primer can not be applied to an extremely damp substrate due to the poor wetting and adhesion, the substrate's moisture content is still too high.

A connecting operation is not recommended in this case! Connecting operations on damp aerated concrete are not possible as the required load-bearing capacity is not provided.

#### Adhesive application

Please stir the adhesive thoroughly before use.

Apply evenly to both surfaces to be bonded using a brush or a roller.

Let the adhesive flash off for 5-20 minutes (depending on weather conditions), the adhesive should no longer form threads when touched by a finger!

## Adesivo Effisus Bonding KT

### TECHNICAL DATA

#### Connection Operation

Place sheet exactly in intended position and press firmly with the hand roller. The force of the pressure is decisive, not its duration. This operation does not allow for any later adjustments! Sheets should be connected without tensile strain! Please stir the adhesive repeatedly if using for long periods to prevent separation of solid and solvent contents.

#### Bonding widths

At least 8cm.

No additional mechanical fastening is required!

If a bonding width of 8cm is impossible it may be reduced down to 4cm. If bonding areas are reduced this way, particular care needs to be taken to spread the adhesive over the entire area. The user needs to ensure durable sheet fastening. To this end, an additional mechanical fastening may be required in some cases.

#### Adhesive consumption

Approx. 400 – 500 g/m<sup>2</sup> depending on substrate. At a bonding width of 8cm approx. 50g/m. 800g allow for a bonding length of approx. 16m (8cm wide).

#### Subcoat

Mix Effisus Bonding KT Adhesive with Effisus Setup PR Cleaner 1:1 for strongly absorptive substrates.

### OTHERS

#### Storage

Cool, dry, frost-proof, protect from direct sunlight.  
Storage life approx. 12 months.

#### Safety instructions

Effisus Bonding KT Adhesive is easily flammable!  
Keep away from sparks and open flames!  
Do not inhale vapours, ensure adequate ventilation!  
Do not smoke!

#### Accompanying Document

Stand Sep. '09

#### Version

V 1.1 – AT – 22/07/2011