

BASECOLL

DATA SHEET

Two-component waterproof cement adhesive-skim coat for bonding and smoothing off EPS skirting panels



Exteriors



Sack



Plastic containers



By hand



Metal trowel

Composition

BASECOLL is a two-component waterproofing adhesive and skim-coat made from Portland cement, selected sands, synthetic polymers in emulsion and specific additives to improve workability and adhesion.

Supply

- Component A: special sacks with protection against moisture, approx. 25 kg
- Component B: tins, 10.75 kg

Use

BASECOLL is used for cementing and skim-coating skirting panels in external thermal insulation composite systems.

Substrate preparation

The substrate must be free from dust, dirt etc.. Any traces of oils, fats, waxes, etc. must be removed beforehand.

Mixing

Add a 10.75 kg pack of BASECOLL Comp. B to each 25 kg sack of BASECOLL Comp. A and mix using a mechanical stirrer on low speed until you obtain a smooth, uniform mix.

BASECOLL is applied as an adhesive on the entire surface of the base panels, using a 10x10 notched trowel, or alternatively, along the perimeter and in spots in the centre, covering at least 50% of the bonding surface. The panels must be cemented in a staggered pattern, perfectly aligned together, securing them mechanically using at least two anchors for each panel after the adhesive has hardened.

BASECOLL is applied as a waterproofing skim-coat using a metal trowel, embedding a 160 g/m² alkali-resistant fibreglass reinforcement mesh. The skim-coat is also applied under the skirting insulation panel, covering the existing damp proof membrane of the building structure by at least 5 cm. In areas in contact with the ground the waterproofing insulation created with BASECOLL must be protected by a plastic separation layer, usually a delta membrane. For waterproofing, it can be diluted with a maximum of 10% water to be applied by brush, in several coats (at least 2).

Warnings

- Fresh adhesive must be protected from frost and rapid drying. A temperature of +5°C is recommended as the minimum value for application and for proper hardening of the adhesive; below this value setting would be excessively delayed and below 0°C the still fresh or unhardened product would be exposed to the disintegrating action of frost.
 - Do not apply in the presence of surface water
 - Wash all equipment before the product sets. Otherwise, residues of the product will have to be removed mechanically.
- BASECOLL it must be used in its original state without the addition of foreign materials.**

Storage

Component A: store in a dry place for no longer than 12 months.

Component B: Protect from frost. If stored in a suitable environment, in its original packaging, the material has a shelf life of 12 months.

Once the product has expired, it must be disposed of in accordance with current legislation.

Quality

BASECOLL is subjected to accurate and constant checks in our laboratories. The raw materials used are rigorously selected and controlled.

Technical Data

Appearance	Grey powder Component A
	White latex Component B
Apparent specific gravity	1.35 kg/l Component A
Specific weight	1 kg/l Component B
Granulometry	< 0.6 mm Component A
Dry residue	40% Component B
Minimum application thickness	3 mm
Mix ratio	2.3 parts of Comp. A and 1 part of Comp. B (1 sack of Comp. A mixed with 1 tin of Comp. B)
Yield for bonding	4-5 kg/m ²
Yield as skim coat	approx. 1.7 kg/m ² per mm in thickness
Specific weight fresh mortar	approx. 1,700 kg/m ³
Application temperature	5°C
Application temperature	35°C
Workability time of the mix	approx. 1 hour
Adhesion between adhesive and EPS panel (ETAG 004, 5.1.4.1.3)	≥ 0.08 N/mm ²
Thermal conductivity coefficient (EN 1745)	λ = 0.56 W/m·K (tabulated value)
Recycled/recovered/by-product content	The product contains some recycled/recovered/by-product. The relevant declaration is available on request.

The above information refers to laboratory testing; it is possible that in practical applications on site these may differ considerably according to the conditions in which the material is applied. In any case the user must check that the product is suitable for the intended application, taking all responsibility for its use. Fassa reserves the right to make technical modifications without notice.

Technical specifications regarding the use of Fassa Bortolo products for structural or fire prevention applications will only be officially valid if provided by Fassa Bortolo's "Technical Service" and "Research, Development and Quality System". If necessary, contact Technical Service in your country of reference (IT: area.technica@fassabortolo.com, ES: asistencia.technica@fassabortolo.com, PT: assistencia.technica@fassabortolo.com, FR: bureau.technique@fassabortolo.fr, UK: technical.assistance@fassabortolo.com).

Please note that for the aforementioned products, the assessment is required by the appointed professional, in accordance with regulations in force.