

wedi 620 | Sealant

- Sealant for waterproof adhesion of wedi sealing tapes, sealing corners, sealing gaiters, combined with the wedi Subliner sealing membranes and the wedi Vapor 85 / wedi Vapor 85 N building boards



General product description

wedi 620 is a single-component, ready-to-use, polymer sealant. It is used as a system component for wedi building boards with vapour membrane barrier applied in the factory and across the entire range of wedi sealing membranes.

Within the framework of the technical approval for walls (in accordance with ETAG 022), wedi 620 was approved as a sealant for the sealing system of the wedi Vapor 85 N building board by the SINTEF testing institute, Oslo.

Applications

wedi 620 is used for the waterproof adhesion of wedi sealing tapes, sealing corners, sealing gaiters, sealing membranes and wedi building boards with vapour membrane barrier applied in the factory.

In addition, the joint areas of the wedi Subliner Dry and wedi Subliner Dry & Flex sealing membranes can be bonded and sealed with wedi 620. For wedi Subliner Dry, the joint connections can be realised as overlaps or with a sealing tape. The joint areas for wedi Subliner Dry & Flex are always butt jointed and bonded with wedi sealing tapes and wedi 620.

Product properties

wedi 620 is water-resistant and reacts to form an elastic adhesive in the presence of humidity. It has excellent weather and chemical resistance. The product is free of solvents, silicon and PCPs and has low shrinkage.

Surface requirements

The adhesive surfaces must be solid, load-bearing, dry and free of grease and dust. Any contaminants such as separating agents, preservatives, grease, oil, dust, water, old adhesives/sealants and any other materials that could impair adhesion must be removed.



Installation

wedi 620 should be applied to the bonding surface with no bubbles and with good coverage (thickness max. 3 mm). For surface bonding, wedi 620 should be thinly spread on the surface with a fine grooved spatula or similar. The sealant is applied to the surface approx. 10 mm beyond the border areas of the sealing tape, moulded part or sealing sheet.

Sealing corners, sealing tapes or moulded parts are inserted into the fresh adhesive layer and pressed on (e.g. with a trowel or pressure roller) so that the sealant is pushed out of the sides. The excess material is smoothly removed with a smoothing trowel.

Folds and distortions should be smoothed out and pressed down. The hardening time can be reduced by moistening slightly with water and high temperatures. Once the wedi 620 has hardened, tiling can begin.

If wedi sealing membranes are applied with an overlap (wedi Subliner Dry), wedi 620 is applied to the overlapping area (min. 5 cm) and spread with a suitable smoothing trowel. The overlapping sealing membrane is then pressed into the adhesive bed (e.g. with a trowel or pressure roller). Material which escapes is smoothly removed with a smoothing trowel.

If wedi sealing membranes are butt jointed (wedi Subliner Dry or wedi Subliner Dry & Flex), they are bonded to one another and sealed at the joint with sealing tape. wedi 620 is applied to both sides of the joint area with a suitable smoothing trowel. The sealing tape is then pressed into the adhesive bed (e.g. with a trowel or pressure roller). Material which escapes is smoothly removed with a smoothing trowel.

Sealant which has not hardened can be removed while wet using rubbing alcohol or white spirit. Once hardened, it can only be removed mechanically.

Technical properties

Colour	anthracite
Basic raw material	silane-modified polymer (SMP)
Hardening system	through air humidity
Density	ca. 1.45 g/ml
Solvent content	0 %
Isocyanate content	0 %
Drying agent content	ca. 100 %
Elongation at break	ca. 250 %
Skin formation	after approx. 15 minutes
Through-hardening (+23°C / 50% RH)	approx. 3 mm per 24 hours
Permissible total movement	ca. 20 %
Processing temperature	do not use at below +5°C
Temperature resistance	-40°C to +100°C up to +180°C for a short time (max. 30 minutes)
Frost stability	not frost-sensitive

Consumption

Approx. 1.5 kg/m² per mm of thickness

Approx. 70 ml/metre for bonding sealing membranes with a 6 cm overlap

Approx. 140 ml/metre for bonding sealing tapes with a width of 12 cm

Approx. 115 ml/metre for bonding sealing tapes with a width of 10 cm

Packing

290 ml cartridge / 12 units per box

Storage

Store in a cool, dry place between +10°C and +35°C.

See packaging label for shelf life (approx. 15 months unopened in the original container).

Safety notice

none

Information about finishing and application options for wedi products, technical recommendations or advice and other information provided by our employees (technical usage advice) is accurate to the best of our knowledge, but is non-binding and is given with the exclusion of any liability. It does not exempt our customers and their buyers from carrying out their own checks and trials on the suitability of the products for the intended processes and purposes.