Technical data sheet

wedi 610® | adhesive sealant

- Elastic adhesive for wedi building boards and showers
- Waterproof adhesion

General product description

wedi 610 is a versatile single-component adhesive and sealant. It is used as a system component for the wedi sealing system.

Applications

For adhesion and sealing of wedi building boards and wedi Fundo elements. For attachment of various materials including wood, metals (aluminium, galvanised steel, high-grade steel, brass, copper), hard PVC, soft PVC and tiles to the wedi building board or wedi Fundo systems.

Product features

wedi 610 is water-resistant and vulcanises into an elastic adhesive in the presence of humidity. It offers excellent weather and chemical resistance, is free of solvents, silicon and PCP and has low shrinkage. The adhesive and sealant can be painted according to DIN 52452 part 4.

Surface requirements

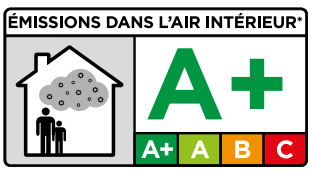
The adhesive surfaces must be solid, load-bearing, dry and free of grease and dust. Any contaminants such as separating agents, preservatives, grease, oil, dust, water, old adhesives/sealants and any other materials that could impair adhesion must be removed.

Processing

Apply wedi 610 evenly to the joint surface and make sure that the adhesive is at least 2 mm thick so that the hardened adhesive will have flexible properties. The hardening time can be reduced by adding moisture and high temperatures. When bonding vapour-proof building materials, the wedi adhesive and sealant should be moistened to accelerate hardening. The adhesive and sealant should not be used after the expiry date printed on the packaging.

When wedi 610 is applied for sealing of building boards to Fundo tray joints, wedi 610 application to both products is required under the general test certificates and building regulations.

Paints, varnishes, plastics and other coating materials should be compatible with wedi 610 according to DIN 52452 part 1 and must not contain bitumen or tar.



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risqué de toxicité par inhalation, sur une échelle de classe allant A+ (très faibles emissions) à C (fortes emissions).

Information on the emission level of volatile substances in indoor air which present a risk of inhalation toxicity, on a scale of A+ (very low emissions) to C (high emissions).

CE
0799 (System 2+)

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0799-CPR-132
DoP 0001

ETA-13/0385
ETAG 022 Teil 3

Bausatz mit wasserdichten Platten und weiteren Komponenten zur Herstellung einer Abdichtung unter einer Nutzschicht für die Verwendung in innen liegenden Nassbereichen
Klassifizierung des Systems und deklarierte Produkt- und System-eigenschaften siehe Anhang 1 der ETA-13/0385

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Technical properties

Basis	Silan terminated polymers, neutrally linking
Colour	light grey
Hardening system	through air humidity
Stability under load	stable, < 2 mm (DIN 52454-ST-U 26-23)
Application quantity	> 100 g/min (DIN 52456 – 6 mm)
Specific weight	approx. 1.5 g/cm² (DIN 52451-PY)
Skin forming time (+23°C/50%)	approx. 15 min.
Through hardening (+23°C/50%)	approx. 3 mm/24 hours
Volume change	< -3 % (DIN 52451-PY)
Tensile strength (2 mm film)	approx. 2.5 N/mm²
Elongation at break (2 mm film)	approx. 400 %
SHORE grade A	approx. 55 (DIN 53505, 4 weeks +23°C/50 %)
Max. absorption of movement	10 %
Temperature resistance	approx. -40°C to +100°C
Processing temperature	+5°C to +40°C (component temperature)

Consumption

8 to 10 linear metres per cartridge
15 to 19 linear metres per tubular bag

Packing

310 ml cartridge / 20 units per box
600 ml tubular bag / 20 units per box

Storage

Store in a dry, cool place between +5°C and +25°C. See packaging imprint for shelf life (at least 18 months in unopened original container).

Safety notice

none

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