

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 sealant.

Applications

Equalising adhesion and sealing of wedi building boards with a wide variety of materials such as wood, glass, metals (aluminium, anodising aluminium, brass, copper), hard PVC, soft PVC, bricks, tiles.

Product properties

wedi 610 is water-resistant and vulcanises into an elastic adhesive in the presence of humidity. It has excellent weather and chemical resistance.

wedi 610 is free of solvents, silicon and PCPs and has low shrinkage. The adhesive sealant can be painted in the sense of DIN 52452 part 4.

Surface requirements

Compatibility:

Paints, varnishes, plastics and other coating materials should be compatible with wedi 610 in the sense of DIN 52452 part I and must not contain bitumen or tar.

Cleaning:

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 onto the adhesive surface under pressure. Make sure that the adhesive bed is at least 2 mm thick so that the hardened adhesive can absorb movements elastically. The hardening time can be reduced by moisture influx and high temperatures. When bonding face-to-face vapour-proof building materials, the wedi adhesive sealant should be moistened to accelerate hardening. The adhesive sealant should not be used after the expiry date printed on the packaging.

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)
Spray quantity	> 100 g/min (DIN 52456 – 6 mm)
Specific weight	approx. 1.5 g/cm ² (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/mm ²
Elongation at break (2 mm film)	approx. 400 %
Shore A hardness	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)

Packing

- 310 ml cartridge
- 20 units per box

Storage

Store in a dry, cool place between +5°C and +25°C. The product can be stored for 12 months in its unopened original packaging.

Safety notice

none