



CERESIT CS27

Bitumen Sealant

Packaging: 300 ml cartridge

CERESIT CS27 Bitumen Sealant is a plasto-elastic sealant based on polymers and bitumen with solvent for gluing and reparations of different surfaces. A tixotropic mass, which adheres well to different construction materials like bitumen surfaces, wood, insulation boards, metal, plastic, concrete etc. It has good adhesion also at lower temperatures and to moist surfaces. Excellent for quick reparations of roofs, drainage works, chimneys etc. The sealant can also be used in greenhouse construction, for packing basements and for other underground packing purposes. The cured sealant is resistant to UV radiation, permanent humidity, abrasion and pressure applied to the surface.

CHARACTERISTIC

- **Excellent adhesion on most materials**
- **Easy to apply**
- **Stays flexible after vulcanization**
- **The surfaces to be sealed may be moist**
- **Tixotropic mass – no diffusion or dripping**
- **Asbestos free**
- **Protects against rust and moisture**
- **Inflammable (when used properly)**
- **Highly insulating**

APPLICATIONS

- **Sealing of roof joints, gaps and cracks**
- **Sealing of joints between drains and roof elements**
- **Fast leak reparations on roof elements**
- **Cold adhesive for all types of roofing**
- **Emergency repairs even during rain**
- **Connection joints in construction**

STABILITY

The product quality is preserved unchanged for 12 months after the date of production if stored in a cool (between +5 °C and +25 °C), dry place in unopened cartridges.

APPLICATION

The joint surfaces must be free of dust and grease. The surfaces may be moist - in this case it is recommended to pre-test the tack. Application temperature is between +5 °C and +30 °C, but room temperature is the best. When packing extensive areas it is recommended to apply the sealant in the form of stripes or spots to accelerate solvent evaporation.

JOINTING

Cut the cartridge tip and screw the nozzle onto the cartridge. The tip of the nozzle should be cut off aslant (at about 45

degrees) according to the joint width. Place the cartridge in the sealant applicator. Compress the filling tightly in the joint. Special consideration should be given to the adhesion of edges. Smooth the sealant with a wet piece of wood or jointer.

JOINT SIZE: min width 5 mm / max width 30 mm / min depth 2 mm / **recommendation:** for joints between 6 – 12 mm wide a seal depth 6 mm

CLEANING: with white spirit immediately after use.

ESTIMATED CONSUMPTION: 450 g/m²

RESTRICTIONS ON USE

- CERESIT CS27 Bitumen Sealant cannot be painted
- Can only be used for synthetic materials without plastificator content
- Compatibility with extruded polystyrene varies. In this case the sealant must be put on the surface and never on the polystyrene.
- Contact with mineral oils softens the product.

SAFETY

Contains aromatic hydrocarbon solvents. Hazardous. When applied in closed areas, it is important to have good ventilation. Avoid skin and eye contact. Wear suitable protective gloves and clothing.

TECHNICAL DATA

UNVULCANISED RUBBER

Base	SBS Modified bitumen
Density (ISO 1183)	1,27-1,32 g/cm ³
Application temperature	+3 °C ... +35 °C
Extrusion rate	320 g/min
Skin-forming time (23 °C, 50 % RH)	30 min
Vulcanisation rate (23 °C, 50 % RH)	0,5 mm/24h

VULCANISED RUBBER

Temperature resistance	-35 °C ... +80 °C
Colour	black
UV-resistance	excellent