Sikaflex Pro Sealant 600ml Sausage Redwood

Product Images

Short Description

Sikaflex Pro Sealant Redwood

Description

Sikaflex Pro Sealant is a one component, thixotropic, polyurethane based joint sealant. It cures under the influence of atmospheric moisture to form an elastomeric material with adhesive properties, in some cases without the need for priming. It is an elastic joint sealant that is ideal for expansion joints, construction, walling, cladding, sealing penetrations and more. It is available in a wide range of colours to match architectural features, and skins in 2 - 4 hours under average conditions.

Features:

- Excellent adhesion on all cement based materials, brick ceramics, polyurethane, epoxy, most polyester, most metals and most timbers
- High durability and good weathering resistance
- Non-sag on vertical and soffit joints up to 30 mm width
- Short skinning time
- Short cut off string, even after storage

- Ready for immediate use – no mixing, saves time
- No potential mixing errors or wastage due to mixed quantities being greater than required
- Non-corrosive
- US Federal Specification TT-S-00230C, Type II, Class A
- BS4254: For one part polyurethane based sealants for the building industry
- JIS A 5758: For one part polyurethane based sealants for the construction industry

Ideal for:

- Expansion joints in buildings and civil structures above and below ground
- Construction joints and joints in precast concrete elements
- External walling and cladding joints
- Infill panel joints
- Curtain walling
- Sanitary installations
- Sealing around window and door frames
- Flexible draught proofing
- Sealing penetrations in walls or floors for ducts, piping etc
- Retaining walls
- Sealing joints in water retaining structures (water reservoirs)

APPLICATION

Surface Preparation:

Substrate must be clean, sound, dry and free of oil, grease and surface contaminants such as form release agents, curing membranes and hydrophobic water repellents. Thoroughly remove all loose particles and dust. Refer to Sika Pro priming guide for information on priming.

Placement:

Slide unipac (sausage) into the special applicator gun, then either nick the unipac wrapper at the extrusion end or cut off the very end of the sausage if it contains partially cured lumpy Sikaflex. Fit the gun with a suitable nozzle that has been cut to deliver the right bead size. All primer on joint sides, which is generally applied after backer rods or release tapes are in place, must have not exceeded its open time and it must be thoroughly dry and not just skinned over; otherwise in conditions of rising temperature trapped solvent can blow bubbles in the uncured sealant. Porous substrates such as poorly compacted or cracked concrete must have their porous bond area surfaces thoroughly sealed to avoid the possibility of air bubbles being blown into the uncured sealant if the substrate temperature rises.

Extrude the Sikaflex®-PRO into the joint ensuring that no air is trapped in the joint. Wide joints will require more than one pass of the application gun to make sure that Sikaflex®-PRO is in full contact with the sides and bottom of the joint.

Tooling-off the sealant will assist by forcing the sealant into the joint against its sides and back up material; this will also break any air bubbles and expose any air pockets.

Final tooling of the joint surface can be done effectively with a spatula dipped in a 20% solution of washing up detergent in water (test to ensure it does not discolour the cured Sikaflex®-PRO) or a profiled piece of raw potato. When tooling off with detergent solution, ensure no solution is allowed to get onto adjacent joint sides/bonding areas before the sealant.

Clean Up:

Use Sika Colma Cleaner to remove uncured sealant from tools after first removing the bulk of the Sikaflex material with a scraper followed by a rag or paper tissue. Sikaflex Hand Cleaner will remove fresh and

partially cured Sikaflex. Hardened material can only be removed mechanically.

Storage:
Minimum 12 months stored dry below 30°C unopened in original containers

Yield:
Using a 600ml sausage, a 5 x 5mm joint = 24 linear metres of material. A 40 x 30mm joint = 0.5 linear metres of material. See technical data sheet for a detailed estimating guide.

Additional Information

CODE	40-520450
U.O.M	Each
Colour	Redwood
Suits Substrate	Brick, Cement, Ceramics, Concrete, Epoxy Finishes, Masonry, Metals, Polyurethane / Plastics, Timber
Use With	Tubular Sealant Caulking Gun
Brand	Sika
Range / Model	Sikaflex
Size	600 ml
Min Working Temp	-30 degrees Celsius
Max Working Temp	+70 degrees Celsius
Gel Time / Skin Time	2 - 4 hours at 23 degrees Celsius
Cure Time	2mm in the first 24 hours at 23 degrees Celsius