

BTS

PLASTO-ELASTIC BITUMINOUS SEALANT REINFORCED BY FIBERS

- Forms a permanent plasto-elastic mass after curing
- Can be used (cold) immediately after unwrapping
- Tixothrope: does not drip, flow or spill and makes no threads
- Can be used on various materials such as concrete, wood, brick, lead, PVC, polycarbonate, roof tiles...
- Free from asbestos
- Resistant to moisture
- Remains flexible



Notice

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Tech-Masters is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Tech-Masters products provide, relates only to the standard conditions of sale of this product. In no case Tech-Masters can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

BITU SEAL

General Information

BITU SEAL is a plasto-elastic bituminous sealant reinforced by fibers which makes it excellent for gluing and reparations on bituminous roofs. It offers a waterproof sealing of joints, seams, rooftop fences, chimneys and many more. BITU SEAL can also be used as an adhesive for insulating panels, therefore insulation must be resistant to solvents.

Due to its special formulation it can immediately be used and works efficient even at low temperatures. BITU SEAL adheres immediate and permanent on all common construction materials, such as brick, concrete, lead, zinc, tiles, insulating panels, certain plastics, etc. BITU SEAL show a temperature resistance from -50°C to +80°C, after the product has dried/cured and all the solvents have evaporated out of the product. This might take up to 24h, depending on the thickness of the layers applied.

Technical Information

CARTRIDGE
 Form: paste
 Base: bitumen, rubber, resin, polymers, fibers
 Colour: black
 Odour: aromatic
 Curing system: neutral, physical dryness
 Consistency: viscous
 Character: plasto-elastic
 Flash point (ASTM D93): 55°C
 Solid matter: ± 88%
 Density (at 20°C): 1,25 g/cm³ ± 4%
 Flow: nil
 Application temperature: +8°C - +30°C
 VOC: 144 g/l
 Shelf life: 36 months
 Storage: in original packing and in cool and dry conditions
 Temperature resistance: -50°C to +80°C

BUCKET
 Form: paste
 Base: bitumen, solvent, aggregates
 Solvent: white spirit
 Colour: black
 Odour: aromatic
 demand/m²: 1mm layer requires 1,2 kg/m²
 Initial boiling point: > 150°C
 Flash point: 24°C
 Lower explosive limit: 0,67 Vol%
 Upper explosive limit: 6,4 Vol%
 Density (at 20°C): 1,05 - 1,1 g/cm³
 Softening point acc. to cone/ring: 160°C (from the solid EP)
 Heat resistance: at 70°C, 2h, no running off
 Acc. to industrial safety regulation (BetSichV): flammable
 Water permeability (0,5 bar, 8h): impermeable
 Max. roof pitch: 25°
 Shelf life: in originally sealed container for 12 months
 Storage: not sensitive to frost, keep away from ignition sources
 Temperature resistance: -50°C to +80°C

Application and Use

- BITU SEAL guarantees waterproof sealing of joints, seams, rooftop fences, skylights, chimneys, ventilation, tubes, drainpipes, etc.
- All surfaces should be dry and free from dust or grease.
- Apply BITU SEAL with a spatula or by means of a cartridge.
- Using BITU SEAL with a cartridge, it is important that the nozzle is clean and the opening large enough. For perfect adhesion, a maximum space of 3 mm is allowed between the surface and the top of the nozzle.
- BITU SEAL should be applied in strips or spots, to allow good evaporation of the solvent.
- For special application it is advisable to perform an adhesion test beforehand.

Article nr	Name	Content	Shelf Life	Catalog
T602106	Bitu Seal 310ml	310ml	see imprint + 36 months	ADHESIVES AND SEALANTS

