TECH-MASTERS Trading GmbH
Perfektastraße 55, A-1230 Wien
Tel: +43 (0)1 / 867 29 07
office@tech-masters.com
www.tech-masters.eu

BTS

BITU SEAL

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



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 immediatly be used and works efficient even at low temperatures. BITU SEAL adherese 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

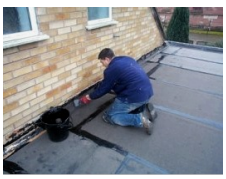
CARTRIDGE
Form: paste
Base: bitumen, rubber, resin, polymers, fibers
Colour: black
Odour: aromatic
Curing system: neutral, physical dryness
Consistency: viscous
Character: plasto-elastic
Flash point (ASTM D93): 55°C
Solid matter: ± 88%
Density (at 20°C): 1,25 g/cm³ ± 4%
Flow: nil
Application temperature: +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 (BetrSichV): 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 catridge, 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







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