

ATLAS GENERAL-PURPOSE BITUMEN MASS

bitumen mass for foundations and roofs



- primes mineral substrates for application of main damp proofing
- for damp proofing
- for renovation and repairs of roofing membranes
- solvent-free

Use

Priming mineral substrates before application of main damp proofing – e.g. SMB BITUMINOUS MEMBRANE ATLAS.
Forms light type damp proofing – e.g. upon foundations.
Renovation and conservation of roofing membranes.

Properties

Very good bonding to mineral substrates.
Can be used on dry or damp substrate.
Quick and easy in use.
Thixotropic.
Solvent-free, contains no polyvinyl phenols and biphenyls.
Protects against damp and water.
Resistant to atmospheric factors action.
Ecological.

Technical data

ATLAS GENERAL-PURPOSE BITUMEN MASS is a dispersive asphalt-rubber mass, cold-applied. It is manufactured on the basis of aqueous emulsion of bitumen, rubber and improvers.

Density	approx. 1.1 kg/dm ³
Min. coat thickness used in a single application	2 mm
Mass preparation temperature, ambient and substrate temperature during work	from +5 °C to +25 °C
Coat forming time	approx. 6 hours
Time between subsequent coats application	approx. 6 hours
Resistance to rain	after approx. 8 hours

Technical requirements

The product conforms to PN-B-24000:1997 standard, type Dn. Domestic Declaration of Conformity IZ001 of 2012-08-28.

Mass use

Substrate preparation

The substrate should be:

- even,
- clean,
- dry or matt-wet,
- smooth,
- free of grease, drippings and other anti-adhesive substances; substrates coated with cement laitance should be mechanically cleaned,
- primed.

Substrate priming

Dilute ATLAS GENERAL-PURPOSE BITUMEN MASS with water in 1:1 ratio. Apply the mass upon substrate with a brush or a roofing brush.

Repairs of roofing membranes

Cut or squeeze blisters in damaged roofing membranes, repair and clean the points, cut membrane pieces should be filled with an adhesive for roofing membranes or stuck/welded with patches of roofing felt. After filling the gaps and drying, ATLAS GENERAL-PURPOSE BITUMEN MASS is applied with two coats, the second one when the previous one dries. Strengthen the contact points of roofing membranes with chimneys, ventilation ducts, etc. with reinforcing fabric, which should be folded up to appropriate height. Sprinkle fresh last coat with mineral granules. This action significantly extends durability of applied coating.

Damp proofing

Apply undiluted mass with a brush or a float, so the dry residue keeps min. 1 mm thick. Each application should be carried out when the previous coat dries. Application should not be carried out during precipitation and in strong sunshine.

Consumption

Average consumption:

- approx. 0.2 kg/m² per coat (priming)
- approx. 1.5 kg/m²/mm (damp-proofing)
- 0.5 kg/m² per coat (on roofing membranes).

Important additional information

- Do not use with tar materials.
- The tools must be cleaned before the mass dries – with water, after drying – with nitro thinners.
- Keep out of reach of children. Follow the instructions of the Safety Data Sheet.
- All parameters listed refer to use in temperature +23°C and relative humidity 55%. Higher temperature and lower air humidity accelerate, lower temperatures and higher air humidity extend the time of processing and setting.
- Shelf life of product kept in original sealed packaging, in dry rooms in temperature above +5°C is 12 months from the production date shown on the packaging.

Packaging

Plastic buckets: 10 kg, 20 kg
Pallet: 480 kg in 10 kg buckets, 540 kg in 20 buckets

The above information constitutes basic guidelines for the application of the product and does not release the user from the obligation of carrying out works according to engineering principles and OHS regulations.

*At the time of publication of this product data sheet all previous ones become void.
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