

Bitulat Primer

Solvent-based bitumen waterproofing varnish

Description

Solvent-based bitumen waterproofing varnish for bonding bitumen membranes and bituminous sealing tapes, as well as for waterproofing of walls, etc.

Fields of application

- As a primer for bonding bitumen waterproofing membranes
- As an adhesion promoter prior to the bonding of the bituminous sealing **Neotex® BM Alu Tape** on various substrates
- As a water vapour barrier on terraces and roofs
- Waterproofing of underground walls and foundations
- Anti-corrosive protection of metallic surfaces



Packing

17L, 5L & 1L

Properties - Advantages

- Excellent adhesion on concrete, metal, wooden surfaces etc..
- Very good resistance to chemicals (dilute acids, alkalis)
- Quick drying
- High penetration ability

Technical characteristics

Density (EN ISO 2811-1)	0,93kg/L (±0,05)
Solid residue by evaporation	60-70%
Consumption: • 0,4-0,5L/m ² per layer (cementitious surface) • 0,2-0,25L/m ² per layer (metallic surface)	

Application conditions – Curing details

Application temperature (ambient - substrate)	+5°C min. / +35°C max.
Drying time (+25°C)	2-3 hours

Instructions for use

Substrate preparation

The surface must be stable, clean, dry, protected from rising moisture and free of dust, oil, grease and loose materials. Any poorly adhering materials and older coatings should be removed, and the surface should be thoroughly cleaned mechanically or chemically. Depending on the substrate, appropriate mechanical preparation may be required, to smooth the irregularities, open the pores and create the optimum conditions for adhesion. The surfaces should be sufficiently flat, smooth, and continuous (i.e., without holes, cracks, bays, etc.). In the opposite case, they should be treated accordingly (e.g. by proper puttying).

Application

After thorough stirring, **Bitulat Primer** is applied by roller, brush or airless spray in one or more layers.

In the case of use as a primer prior to the application of bitumen membranes, it is sufficient to apply just one layer of **Bitulat Primer**. It is recommended that the bonding of the torch-applied bitumen membranes takes place after **Bitulat Primer** has completely dried and the solvents have evaporated (indicatively after ~24 hours).

Special notes

- **Bitulat Primer** should not be applied under wet conditions, or if wet conditions or rainy weather are expected to prevail during the application or the curing period of the product
- Substrate temperature during application and curing must be at least 3°C above dew point to avoid condensation issues
- The durability of the waterproofing system is enhanced by the increase of the total dry film thickness, which may be achieved through the application of an additional layer or layers
- Especially in cases of roof waterproofing, for the release of any trapped water vapour of the substrate, it is recommended to apply air vents in the whole roof's surface per 20-25m²
- **Bitulat Primer** is not recommended to be exposed to solar radiation
- **Bitulat Primer** is not recommended to be applied on surfaces that are to be covered with water-based bitumen emulsions (e.g. **Bicote Special**) or surfaces that are to be in contact with petroleum products
- Due to the flammable solvents it contains, the necessary protective measures must be taken - the containers of the material must be placed away from torches and other sources of fire, while, during the works, it is recommended to avoid smoking and inhaling the vapours of the material (especially when the application is done by spraying). It is strongly recommended that the application is limited only to well-ventilated areas.

Appearance	Thin liquid
Colour	Black
Packing	17L, 5L and 1L in metal containers
Cleaning of tools – Stains removal	By gasoline or aromatic solvents immediately after application. In case of hardened stains, by mechanical means
Volatile organic compounds (V.O.C.)	V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AhSB: 750g/l (Limit 1.1.2010) - V.O.C. content of the ready-to-use product <750g/l
UFI code	UGH0-E0SM-Q005-UMNG
Storage stability	2 years, stored in its original sealed packing, protected from frost, humidity and exposure to sunlight

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX® SA. It is offered as a service to designers and contractors to help them find potential solutions. However, as a supplier, NEOTEX® SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.

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