FLEXIGUM MST

BITUMINOUS THIXOTROPIC WATERPROOFING LIQUID MEMBRANE.

AVAILABLE COLOURS	Black
SPECIFIC WEIGHT	1,21 kg/lt +/- 0,04
VISCOSITY	700P +/- 140 BROOKFIELD at 20° C
APPLICATION (5°C ≤ T ≤ 30°C)	Roller – Brush – Spray – Broom spatula or metal squeegee
DILUTION	Up to 10% with clear water
APPROXIMATE YIELD	1,2 – 1,8 Kg/sqm
OVERCOATING INTERVAL	24 – 48 hours
STORAGE AND SHELF LIFE	Store in a cool, dry, well ventilated area away from heat and direct sunlight. The product has a shelf life of 12 months when kept in original sealed packaging. It must be protected from frost.

CHARACTERISTICS AND FIELD OF APPLICATION

FLEXIGUM MST applications:

- As a waterproofing liquid membrane in case of difficulty in the application of polymer-bitumen membranes or when the use of flames is forbidden. It can be applied both vertically and horizontally.
- Sealing and waterproofing of coverings.
- Laying of insulation panels.
- Quick local repairs.
- It restores the waterproofing effect on balconies and terraces - previous old pavement dismantling not needed.
- If diluted at 50%, the product can be used as a dustproof primer.

Excellent adhesion on following surfaces:

- bituminous membranes,
- concrete,
- different types of metal surfaces (pipelines, eaves, IBCs),
- fibrocement,
- plasterboard,
- wood,
- ceramic pavements,
- glass.

ADVANTAGES:

- Excellent elasticity.
- It waterproofs and protects against atmospheric agents and UV rays.
- Highly resistant against corrosive action of acids.
- Easy cold-application
- Perfect grip on different materials.
- Compatible with cementitious adhesives.
- Long-lasting product
- Odourless and non-flammable product.
- Non-toxic, solvent free
- It does not crack at low temperatures and does not pour at high temperatures.

Barozzi Vernici S.r.l. – Sede Legale: Via G. di Vittorio, 12 – Revere, 46036 Borgo Mantovano (Mn) - Italia
Tel. +39 038646327 – www.barozzigroup.com – info@barozzigroup.com

SURFACE PREPARATION

NEW SURFACE: Normally the product is applied in two layers. On large surfaces, it is recommended to apply the first layer with a water dilution up to 10%. Apply the second coat right after the first fresh coat only if this one has been reinforced, otherwise wait up to complete product drying (24-48 hours) – this depends on weather conditions and surface porosity.
TREATED SURFACE: Make sure that the surface is free from detached parts, loose debris or non-adherent parts, coatings, rust, powder, disarming oils and carefully clean the surfaces, that must be sound and dry. Before application water runoff efficiency must be carefully checked.
The product can also be applied on slightly damp surfaces only in absence of stagnant water.
Before application both fastness and efficiency of water run-off points must be checked. After use, clean the tools with water. If the product had dried up, remove it with warm water or white spirit.

WARNINGS

We recommend to apply the product at a room temperature not below +5° C, avoiding extreme cold and hot weather conditions, fog, rain and frost.
We recommend not to apply the product on just laid bituminous surfaces, which could still release hydrocarbons and cause film adherence problems on the liquid membrane.
Do not exceed the suggested average consumption for each coat: Water evaporation might remain trapped under the dried film thus causing negative consequences -
On surfaces larger than 10 m² or stressed out supports under stress we suggest strengthening FLEXIGUM MST with an appropriate nonwoven polyester reinforcement, drowned into the first still fresh coat.
Temperatures over 35° C may compromise the product workability because of too fast drying of the film surface.
In case of foundation waterproofing with FLEXIGUM MST, foundations have to be covered by adequate protections in order to avoid that the membrane is engraved during backfill operations.
It can be stepped on in case of occasional maintenance.
We suggest using appropriate protective coatings in order to extend the duration of FLEXIGUM MST.
Do not use on surfaces subject to rising or strong water pressure.
Keep the product away from frost; the product must be applied or stocked at a temperature above +5° C.
Once the product gets frozen, it is not recoverable anymore.
For further information please ask for the related safety datasheet.

COVERAGE

The average consumption depends on the treated surface and on the layer desired thickness. Usually the quantity needed is between 1,2 and 1,8 kg/m2.
On average, to obtain a dry film of 1 mm, the quantity to be used is approximately 1,5 kg/m²
For the application of non-woven fabric in polyester, the total consumption is around 2 kg/m2.
To glue insulation panels, the consumption is around 400-700 g/m².

The product complies with C.L.P. European Regulation, in force from 1st June 2015.

All our products are of a high quality and subject to rigid quality control. The information given in this specification sheet is for guidance and is given in good faith but no liability can be assumed by Barozzi Vernici S.r.l. for the performance of the products and for final results, since skills of application and site conditions are beyond our direct control. The information contained in this document is strictly confidential and shall be the sole and exclusive property of Barozzi Vernici S.r.l..