

4x4[®] BITUMENFLEX 1K

WATERPROOFING MATERIAL THAT IS BASED ON POLYMER MODIFIED BITUMEN EMULSION



4x4 Bitumenflex 1K is a non solvent, single-component waterproofing material that is applicable for multi-purpose use and that is based on polymer modified bitumen in the form which is suitable for brush and roller.



Cukurova
yalıtım

Çatı Kaplama ve Plastik Ürünler San. ve Tic. A.Ş.

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4x4[®] BITUMENFLEX 1K

WATERPROOFING MATERIAL THAT IS BASED ON POLYMER MODIFIED BITUMEN EMULSION

17 kg ^{±2}

Qualities:

- It is in accordance with vertical and horizontal applications.
- Does not create jointing, it provides perfect adherence on all kinds of mineral surfaces.
- It provides solutions even in the most difficult details thanks to its ease of application.
- It can be implemented via brush and roller.
- It is single-component.
- It is water-based, it can be applied to slightly damp surfaces.
- It is resistant to salt solutions, plant roots and weak chemicals.
- Its operating time is long.
- It does not include solvent.
- It is conformed with machine spraying applications.

Area of Use:

- Base isolation and window curtain isolation
- Basement floor, retaining walls, underground constructions.
- For underfloor waterproofing in terrace and wet areas.
- Outdoor, against humidity and moisture.
- Balcony and planter waterproofing.
- Prefabricated waterspout, concealed gutter.

Surface Preparation:

- The surface shall be clarified from the materials like dust, oil, rust, dirt, paint that will weaken adherence.
- Weak and loose parts on the surface shall be removed, the places which require maintenance shall be repaired.
- Concrete application surfaces shall be cleaned up with water.
- If there are cracks on the surface, required improvements shall be performed at discretion before application and rod clearances shall be filled.
- Porous surfaces shall be undercoated before application.
- All the sharp points shall be rounded in order to provide a proper waterproofing.

Application Method:

- 4x4 Bitumenflex 1K shall be blended until obtaining a homogenous mixture via low-speed mixer.
- Undercoating shall be performed before application via an emulsion prepared by thinning with water from the material itself in accordance with surface qualities.
- The application shall be performed with brush and/or roller.
- No water shall be added to the materials except undercoating application.

- To provide waterproofing integrity, foundation wall applications shall be maintained, sharp rotations shall be rounded, chamfer applications shall be performed on joints.
- It shall not be applied while it is raining and during the conditions when there is a risk of rain.
- Surfaces on which application is performed during material curing period shall be protected from strong wind and frost.
- It shall be applied to the surfaces of the buildings that will be contacted with water (waterproofing from positive direction).

Wastage:

0,25-0,50kg/m² per layer dependent on the surface conditions and intended purpose.

Packaging:

In plastic cans that weight 17 kg;

Storage and Shelf Life:

- It shall be stored in dry environment, it shall not be exposed to direct sunlight for a long time.
- Storage life is 12 month starting from the date of production for unopened and undamaged packages.
- Pallets shall not be piled up over and over.

Security and Health Precautions:

Related staff have to use suitable working clothes and equipments that are in accordance with Occupational Health and Employer Health regulations during all the application processes and procedures. Chemical products shall be transported and stored to the application area safely. In order to avoid from irritating effects of the material authorized personnel shall abstain from direct skin and eye contact. In the event that the material, which does not complete its curing, contact with skin or eye, related area shall be washed with plenty of water and soap and immediately medical aid shall be taken.

Technical Qualities of The Product:

Product Name	4x4 Bitümenflex 1K
Structure of The Material	Single-component waterproofing material that is based on polymer modified bitumen emulsion
Colour	Brown, black
Intensity of The Mixture	1,05 kg/lt
Service Temperature	-20C° and +60C°
Usage Time	45 minutes
First Curing	5-6 hours
Full Drying	≥ 24 hours
Surface and Ambient Temperature	+5C° and +35C° and
Consistency	Brush and /or roller

Technical qualities of the product has been given according to +20C° and % 50 relative humidity rate.

