

CONSTRUCTION CHEMICALS PRODUCT GROUP

BITUMFLEKS®

DESCRIPTION

Modified bitumen emulsion-based, single-component, ready-to-use, solvent-free, water insulation spread material with high adhesion strength.

APPLICATION AREAS

Used on horizontal and vertical surfaces of indoors and outdoors in the direction of the water like curtain and sustaining walls contacting the ground, tunneling, draining and piling, external insulation of basement and ground floor surfaces, and water insulation of wet areas like terraces, balconies, bathrooms, kitchens and rest rooms.

SPECIFICATIONS

- Ready-to-use in fluid consistency.
- Provides high adherence to dry and moist surfaces.
- Prevents weathering, dusting and bloating on interior surfaces by providing water- and damp-proofing.
- Continues to protect the structure against water and damp without losing its watertight quality in possible future structural capillary cracks.
- Does not get affected from temperature differences when it gains its full strength (-15°C - +80°C).

TECHNICAL SPECIFICATIONS

Color	Dark brown (black when dried)
Application Temperature	+5°C - +30°C
Solid Substance Ratio	58 ± 2
Density (g/cm ³)	1.06 ± 0.02
pH	9 ± 1
Viscosity (mPa.s)	20000 ± 2500
Heat Resistance	-15°C - +80°C
Water Absorption	30 g/m ² h ^{1/2}
Water Vapor Permeability	Sd < 0.10
Breaking Elongation	Min. 300%
Tensile Strength	0.45 N/mm ²

APPLICATION

Clean the application surface from all kinds of dirt, dust etc. preventing adhesion of the product. Use pressurized water and soapy warm water if required. Ensure the application surfaces are moisture-free, dry and clean. Ensure the application terraces and surfaces has a slope that will prevent ponding (min. 5%). Use Betek Stako and/or Betek Stako 0 repair mortar for surface smoothness before the application. Bevel the vertical and horizontal cold joints with Betek Stako by opening joint gaps.

Apply without thinning with water. Apply in minimum 2 coats. Wait maximum 24 hours between each coat and apply the second coat over the first one in 90° (perpendicular) direction.

WARNING:

Apply at temperatures between +5°C - +30°C Avoid applications in weather conditions like rain, snow and frost. Protect the surface from such weather conditions at least for 24 hours after the application. Apply Betek Bitumfleks on the side of the structure that may be exposed to moisture and positive water pressure. Clean the hand tools used for application using water after the application easily since the product is solvent-free. Wear gloves during application. Wash eyes and skin with plenty of water in case of contact with the product. Consult to a doctor urgently in case of an allergic reaction.

DRYING TIME (20 °C - 65% HR)

First Drying	12 hours.
Second Coat	24 hours.
Full Drying	48 hours.

CONSUMPTION

3-4 kg/m² in average (2-coat application)

The specified consumption values are approximate. Since there will be differences based on the number of pores and holes on the surface, the precise consumption can only be determined at the end of the application.

STORAGE May be stored for 1 year in its original packaging at a cool and dry place protected from moisture, freezing and direct sunlight.

PACKAGING

20 kg PE pail

HAZARD DESCRIPTION

Xi Irritating.

Hazard statements

H317 May cause an allergic skin reaction

Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P321 Specific treatment (see on this label).
P363 Wash contaminated clothing before reuse.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations