



Description

Polymer- bitumen and rubber modified, water based, single component waterproofing material.

Advantages

- Ready to use, quick and easy application
- Forms a single-piece waterproofing layer
- Perfect adhesion on substrates
- Applicable both on vertical and horizontal areas
- Water based, environment friendly product

Application areas

Used as waterproofing material against ground dampness, seepage water and non-pressured water on foundations, cellar walls, wet duty areas and balconies.

Application substrates

Interior and exteriors;

- Cement based renders and screeds,
- Concrete,

Please consult us for all other application substrates.

Application conditions

- Ambient temperature between +5°C and +30°C.
- Avoid application in extremely hot and/or dampweathers.
- Should not be used on frozen or melting substrates, or substrates with the risk of frost within 24 hours.

Application tools

Hand mixer (T-shaped mixing paddle), brush, trowel, spray)

Application

- After the primed substrate gets fully dried, bituflex m should be applied to the entire substrate with brush, trowel or spray at least in 2 coats.
- Ensure the first coat of application is fully dried before switching to the second coat of application.
- In areas subject to temporary pressurised water, in order to provide 4 mm application thickness, alkali-resistant fiberglass reinforcing mesh with max. 110 g/m² weight should be placed on the entire substrate after the first coat of bituflex m application and the second coat application should fully cover the mesh.

Preparation of substrates

- Substrates should be clean, smooth, sound and not exposed to frost; free from adhesion diminishing residues like mould oils, cement and loose particles.
- Inner edges should be beveled using RPM 601 structural repair mortars; outer edges should be rounded by trimming with mechanical methods.
- Surface gaps deeper than 5 mm should be levelled using RPM 601 structural repair mortars.
- The primer prepared should be applied on the entire substrate homogeneously using a suitable brush.



Points of attention

- Not applicable on metal substrates.
- No foreign substance should ever be added.
- In spray applications, special care should be taken to clean the product before setting within the machine.
- waterproofing.
- Do not make the application under rain or any risk of rain.
- Before starting the application of second coat ensure the first coat of application is fully dried especially in cold weather as curing slows down.
- Bituflex m applied substrates should be closed and protected against external conditions in maximum 3 days.
- Substrates should be protected against frost, sunlight and strong winds for the first 24 hours.
- Bituflex m applied substrates should be covered with a convenient material after drying as it is not UV resistant.
- No earth filling should be made on bituflex m applied cellar walls before protective application is made.
- All substrate should be covered with polyethylene sheet right after horizontal applications before stepping into the next application.
- All tools used during the application should be cleaned with water right after use before drying.

Safety precautions

- Use appropriate safety equipment (mask, gloves, glasses).
- Protect your eyes/face.
- Avoid direct contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Safety Data Sheet (SDS) for further safety information.

PRODUCT	bituflex m
• Product structure	• Bitumen
• Colour	• Black
• Density	• $1.15 \pm 0.1 \text{ g/cm}^3$
• Dry residue ratio	• 72%
• Application temperature	• Between +5°C and +35°C
• Service temperature	• Between -20°C and +80°C
• Drying time	• 2-5 days
• PERFORMANCE	
• Resistance to rain	• R1
• Resistance to compression	• C2A
• Crack bridging	• CB2
• Waterproofing	• W1