# **MAROFLEX**





#### DESCRIPTION



MAROFLEX is a waterproofing material based on an anionic bitumen emulsion and obtained by mixing bitumen and water by means of special methods.

#### **FIELDS OF USAGE**



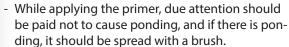
- It is used on all horizontal and vertical absorbent surfaces of buildings such as concrete, precast concrete panel, plaster, brick and wood that are exposed to water and moisture.
- It is used in the waterproofing of terraces, basements, bases and curtain concretes.
- It is used in wet areas under tiles such as in bathrooms, kitchens and toilets.
- It is used in architectural structures such as highways, bridges and viaducts.
- It is used on all mineral surfaces.
- It is used on old bitumen surfaces.
- It is used with reinforcements such as fibreglass and geotextile felts on cracked surfaces or in waterproofing applications that need to resist higher pressure water.

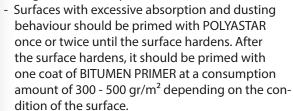
#### NOTE:

Please note that the concrete quality on surfaces that are constantly exposed to pressure water must comply with TS-EN 206. Please consult the technical service of Marof Yapı for application on different floors.

#### PREPARING THE SURFACE FOR APPLICATION

- The application surface must be fully cleaned off dust, rust, dirt and oil, and loose parts should be scraped.
- Spikes should be rounded, surface should be washed with, if possible, high pressure water and dried until it becomes unsaturated with water. The surface must be protected from frost.
- Open areas such as horizontal and vertical joints, as well as large cracks and pits other than the capillary cracks should be repaired with MAROFE-LAST SCREED 2K.
- In new constructions, concrete surfaces must gain strength for at least 28 days.
- In order to ensure good adhesion, surfaces should be primed with BITUMEN PRIMER before the application at a consumption amount of 300 - 500 gr/m<sup>2</sup> depending on the condition of the surface.





# **\**

#### **APPLICATION**

- Since it is ready to use, there is no need for any heating or thinning.
- Before use, mix it for a few minutes with a low speed mixer.
- It should be applied with an insulation pump, insulation brush or roller.
- Use a hand brush in delicate areas and corners.
- The second coat should not be applied before the first coat is completely dry. The second coat should be applied perpendicular to the first coat.
- Each coat dries in about 10 to 12 hours, depending on weather conditions.
- It should not be applied in rainy weather and temperatures below +5°C.



#### CONSUMPTION

- For moisture- and damp-proof surfaces: 2,5 kg/m<sup>2</sup>
- For surfaces with low water pressure: 4 kg/m²
- For surfaces with high water pressure: 5,5 kg/m<sup>2</sup>
- Recommended usage amount on each coating: 1 kg/m<sup>2</sup>



#### SHELF LIFE AND STORAGE

- Shelf life is at least 12 months under proper storage conditions.
- At the time of stocking and dispatch, the first product that arrives should be used before those that arrive at a later time.
- Store in a dry and cool environment (at temperatures above +5 °C), unopened in its original package.
- Do not leave it in the sun. Protect from frost.
- Do not stack more than three buckets on top of each other.



# **MAROFLEX**

## **TOOL CLEANING**



- Tools should be washed with plenty of water immediately after use, and after drying, the remaining parts should be cleaned with thinner.



# **TECHNICAL SPECIFICATIONS**

### **PACKAGING**



- 5 kg. plastic bucket
- 15 kg. plastic bucket
- 30 kg. plastic bucket
- 200 kg. sheet metal barrel





-TS 113

T.S.	113
BASE	Anionic Bitumen Emulsion
THINNER	Water
COLOUR	Dark brown when packaged, and black after drying
CONSISTENCY	Boza-like consistency (Boza: a thick, slightly fermented millet drink)
DENSITY	1,03 gr/cm <sup>3</sup>
SOFTENING TEMPERATURE	+70°C
SUITABLE APPLICATION TEMPERATURE	+5°C ila +35°C arası
SOLID CONTENT RATIO	% 62
DRYING TIME	Touching (1.250 kg/m²) 3 - 4 Hours
	Full drying (1.250 kg/m²) 8 - 10 Hours, Test: 8 Days
	Rain resistance: 24 hours



#### **CAUTION**

MAROF YAPI is not responsible for any defects or errors that may arise if the product is used on a surface or for properties other than described above.