

# SOB LM-200

## BITUMEN & SOLVENT BASED LIQUID MEMBRANE



### DESCRIPTION

- Modified bitumen and solvent-based single component flexible waterproofing material.

### INTENDED USES

- On all horizontal and vertical surfaces,
- External insulation of foundation, cellar, retaining and basement walls,
- In the waterproofing of underground garages and structures to be filled with soil,
- It is used under coating on reinforced concrete terrace roofs and balconies.

### PROPERTIES

- Extremely easy to apply.
- It is solvent based cold applied, dries quickly and after drying adheres strongly to the surface, forming an elastic, durable and water-insoluble layer against water and moisture.
- Has permanent elasticity, easily closes shrinkage cracks.
- Resistant to positive water pressure.
- Does not sag and flow on vertical surfaces.
- If it is desired to withstand pressurized water, it can be used with a carrier such as geotextile felt or mesh.

### SURFACE TREATMENT

- Care must be taken that the application surface has cured.
- The application surface should be free from materials that prevent adhesion such as dust, oil, paint, curing material, mould oils and silicone.
- Cracked and hollow areas on the surface must be repaired with **REPAIR SW Waterproof structural repair mortar**, and static cracks should be repaired with plaster containing **LATEX**.
- If there are holes with water coming in, **STOPPER Active water sealant** must be applied.
- Vertical corners should be chamfered properly.  
In order for **SOB LM-200** to adhere better to the surface, it should be primed with **BA-100 Bitumen & Water based membrane primer** in a single layer application.
- Before application, make sure that the primer is completely dry.

### TECHNICAL DATA

Appearance	: Black coloured bitumen emulsion
Application temperature	: (+5°C) - (+30°C)
Drying time	: First contact 20 minutes Initial drying 2 hours Final drying 24 hours Test time 8 days
Solid substance	: 65%

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- MYFIX YILDIZ YAPI KİMYASALLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ** is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product.

### APPLICATION

- SOB LM-200** is ready to use, it should be applied cold without diluting.
- The material is mixed with a low-speed mixer until it becomes homogeneous.
- After mixing, it is applied in two layers with a bitumen brush or pressureless sprayer.
- Dries in approximately 2 hours depending on the weather conditions. The second layer must not be applied before the first layer dries. It is recommended to wait 24 hours for each coat application.
- Total application thickness should be determined according to the application area and the water pressure to which the insulation layer will be exposed.
- In order to increase the carrier feature of the product on surfaces exposed to temporary or permanent water pressure, an alkali resistant glass fibre reinforcement mesh should be placed on the entire surface, the second layer application should be in a way that it covers the mesh completely.
- It should be protected against punctures and impacts until covered.
- It should not be applied in rainy weather or at temperatures lower than + 5°C.

### PACKAGING

- 18 kg Tin pail

Yıldız Yapı Kimyasalları San. ve Tic. Ltd. Şti.

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### WARNINGS AND RECOMMENDATIONS

- Since the applied surfaces are not resistant to frost and UV, they should be closed within a maximum of 3 days and protected against external conditions.
- In applications on the foundation curtain wall, soil filling should not be made without protection.
- Since it is solvent based, do not apply indoors.
- Do not dilute with water.
- Keep away from flammable, inflammable materials during application.
- Water that may fill the foundation pit must be drained.
- Do not apply without primer on metal surfaces.
- It is not suitable for use in the insulation of drinking water tanks and swimming pools.
- During the application, the surface must be protected from wind and direct sunlight.
- Do not apply to surfaces that have been exposed to sunlight for too long or that are frozen.
- The indicated consumption amount is general information and may differ due to application conditions and surface features.

### COMPLEMENTARY PRODUCT(s):

- **REPAIR SW** Waterproof structural repair mortar
- **STOPPER** Active water sealant
- **BA-100** Bitumen & Water based membrane primer
- **LTX** Latex.

### SHELF LIFE

- Shelf life of an unopened package stored in a dry, cool place is 12 months from the date of manufacture. Protect from frost.

### CONSUMPTION

- 0.60 kg/m<sup>2</sup> (each layer) (at least 2 layers should be applied).

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