

### SAB<sup>®</sup>coat RBE (M)

Rubberized Bitumen Emulsion Coating

#### Description

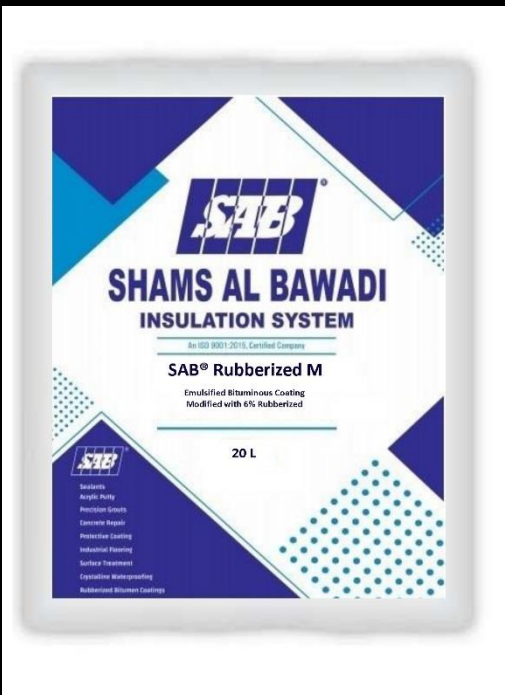
#### SAB<sup>®</sup>coat RBE (M):

Is an emulsified bituminous coating modified with 6% rubberized polymer content, which dries to form a tough and seamless, flexible water and vapor proof protective coating.

#### Usage:

Can be used for a wide variety of applications, which includes the following:

- Waterproofing & Protective Coating on concrete foundations.
- As damp-proof membrane in general construction.
- Waterproofing in wet areas such as toilets, kitchens etc.
- General vapor proof coating for both interior -exterior floors & walls.



#### ADVANTAGES

- Cold applied.
- Single component.
- Easy to apply.
- Can be applied on damp substrates.
- Asbestos free, odorless.
- Non-toxic, environmentally friendly.
- Can be applied in closed or confined spaces.
- Low VoC.
- Resistant against chloride and sulphate ions.
- Good adhesion to most building substrates.
- Seamless/joint free

#### Technical data SAB<sup>®</sup>coat RBE (M)

Color	Dark Brown Liquid
Specific Gravity	1.0± 0.08
Solid Content	50±5 %
Rubber Content	>6 %.
Elongation	>250
Drying time @ 25°C	60 minutes
Application temperature, [°C]	5 to 55°C
Service temperature, [°C]	-5 to 100°C

*(The properties shown above were obtained under laboratory conditions).  
All values given are subject to 10% tolerance*

### AREA OF USE:

For waterproofing most building surfaces e.g. roofs, foundations, retaining walls, swimming pools, planters, wet room floors, and water tanks etc.

### PREPARATION OF SURFACE

Application procedures may vary slightly depending upon site conditions. The general recommended guideline for the application of the bitumen coating system is as follows. The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil, grease. Light mechanical grinding/grit blasting/high pressure water jet may be used to clean the surface of all the contaminants depending on the degree of contamination on the surface to be coated.

All surface imperfections and protrusions shall be removed and repaired. Structurally unsound and friable concrete must be removed and repaired with a suitable concrete repair mortar.

#### Priming

**SAB<sup>®</sup>coat RBE (M)** It is highly recommended to apply a priming coat prior to the application of the **SAB<sup>®</sup>coat RBE (M)** coating on the substrate. The primer can be prepared in the site by diluting **SAB<sup>®</sup>coat RBE (M)** with 20% water and applying this diluted coat as the primer. For very dry and porous substrates apply two coats of this primer. The primer can be applied to damp or freshly cast concrete surface also. However, it should not be applied on waterlogged or flowing water areas.

Further coats shall be applied only after the primer coat dries off completely. In case of delay in application of the topcoat for more than 24 hours, a fresh coat of primer shall be re applied.

### APPLICATION AND CLEANING OF TOOLS

Stir the contents of the drum thoroughly before application to remove all sediments. Depending on the dry film thickness required, apply the rubberized bitumen coating @2–3m<sup>2</sup>/L/coat.

On vertical areas, it is recommended to apply the coating in multiple layers to avoid sagging of the heavy bodied coating.

Subsequent coats shall be applied only after the previous coat dries off completely and shall be applied at right angles to the previous coat.

Clean dry sand may be broadcasted onto the wet coating to provide a key for the subsequent coats and achieve a greater dry film thickness.

Care shall be taken to ensure the first coating is not punctured during the application of the second coating. However, if the coating is damaged the area can be readily overcoated provided the surface preparation is done properly.

The coating should be applied and finished up to the DpC level. If a plaster or cement render is to

be applied on the bitumen coated surface, clean dry sand shall be broadcasted on to the coating whilst it is still wet.

### Curing

**SAB<sup>®</sup>coat RBE (M)** Leave the coating for curing for a minimum period of 48 hours before applying any protection board or backfilling.

Coating laid on horizontal surfaces can be protected either by a cement sand screed (50mm thick) or by an asphaltic protection board. Alternatively, a 1000 gauge polythene sheet can also be used for protecting the coating in areas where the backfill material is not very coarse.

## HEALTH AND SAFETY

There are no known health hazards associated with **SAB<sup>®</sup>coat RBE (M)** in normal use.

**SAB<sup>®</sup>coat RBE (M)** is a flammable liquid. Keep away from sources of ignition. Inhalation of vapor is harmful. Wear gloves and eye protection. Keep away from flame.

## PACKING AND STORAGE

Store out of direct sunlight, clear of the ground on pallets.

Shelf life is 12 months when stored as above.

### PACKAGING

20 L pails & 200 L Drums

### COVERAGE

The rate will depend on the porosity of the substrate. The following coverage rates can be expected when the coating applied at different coverage rates:

2 - 3m<sup>2</sup>/L/coat