



## DOBAU<sup>®</sup> - FLEX SME

Flexible sealant based on a bitumen-latex-emulsion

### Application:

The paste-like thixotropic sealing material is used for sealing balconies, terraces and underground car parks against moisture. Furthermore the bitumen-latex-emulsion is used for sealing against ground moisture on floor coverings and on walls of ground reaching building parts.

### Characteristics:

DOBAU<sup>®</sup> - FLEX SME distinguishes itself by the following features:

- it fulfils the requirements of the DIN 18195, edition August 2000, and of the AIB DS 835
- is thixotropically set and as a consequence it can be applied on vertical areas by brush or gun
- elastic and crack bridging
- high heat resistance
- high flexibility and elasticity even at cold temperatures
- high aging resistance
- even workable on wet subsoil
- solvent free and therefore environmentally friendly
- excellent bonding on bituminous and mineral subsoil
- suitable for interior application
- resistant against aqueous solvents, thinned acids, salts, lime, cements and similar

### Application instructions:

#### Weather conditions:

At the application of DOBAU<sup>®</sup> - FLEX SME the ground and air temperatures have to be more than 5 °C. Actions like water, rain and frost during the application period and drying out phase have to be avoided.

#### Subsoil:

Building areas where DOBAU<sup>®</sup> - FLEX SME shall be applied, have to be solid, levelled, free from nests, gaping cracks and groins as well as from contaminations. Non-closed hollows, which are bigger than 5 mm, as i. e. mortar joints, open vertical and horizontal joints or break outs have to be closed with a suitable mortar. Surfaces made out of masonry in accordance with DIN 1053-1, open vertical joints up to 5 mm and surface profiling or unevenness of stones have to be closed and levelled by rendering (thin or levelling finish), by sealing slurries or by scratch work.

#### Application:

DOBAU<sup>®</sup> - FLEX SME is applied in at least 2 layers, with or without reinforcement insertion, i. e. by brush, by spatula or similar. The compound can be applied high effectively by low pressure or airless spraying method. Following coats are only allowed to be applied after complete drying of the sealing coat (depending on the drying conditions 1-3 days). The sealant is dried when there is a firm bond to the subsoil and if it is expandable. For better cleaning of the working equipment you have to wet them before the application and right after the application you have to clean them with water.

#### Protection layers:

In accordance with DIN 18195 structure sealing has to be provided with an additional protection layer. The application of the protection layer can only take place after sufficient drying of the sealing.

For the sealing in the ground reaching sector no materials are allowed to be used, which could damage it. I. e. expanded or extruded polystyrene hard foam plates, knob sheets with gliding coat or foam glass plates can be used.



**Theoretical material consumption:**

Sealing	Application	Wet layer thickness per layer
of balconies and terraces	at least 2 layers Between the sealing and the cover a separation have to be placed, i. e. PE-foil	1,5 kg/m <sup>2</sup> each
against ground moisture	at least 2 layers	2,0 kg/m <sup>2</sup> each
non pressing water	at least 2 layers	2,5 kg/m <sup>2</sup> each

**Storage:**

DOBAU<sup>®</sup> - FLEX SME is storable in unopened original packages for at least 9 months. Already opened tins can be stored if the foil is re-placed on the material and if the tins are well re-closed. The packages have to be stored free from frost and must not be exposed to direct sunshine or excessive warming actions.

**Form of supply:**

30 kg tins and 200 kg drums.

**Cleaning agent:**

In fresh state: water  
In set state: commercial solvent or petrol, at skin contact hand washing paste

**Technical data:**

**Properties of the dry layer:**

Softening point ring & ball of the solid body: approx. 94 °C  
Heat resistance: no draining  
(in accordance with AIB appendix I at 80 and 100 °C, 2 mm dry layer thickness, 7 and 12 days)  
Cold resistance: no cracks through banding  
(in accordance with AIB appendix I at 0, -5 and -10 °C, 2 mm dry layer thickness)  
Water impermeability: tight  
(non-pressing water in accordance with AIB appendix. I at 0,5 bar, 8 h.)

This product information is in accordance with our current information; the stated data are average values under normal conditions. The applicator is obliged to check the suitability and the possible applications for the intended purposes. For special technical information please do not hesitate to contact us. Our products are sold subject to our General Terms and Conditions of Sale.