



Chem Flexible Insulating Binder (Chem 646 + RBP)

APPLICABILITY:

For weldless insulation of old and new roofs, terraces, balconies, cellars, pits, pools, tunnels, reservoirs, wet rooms, facades, etc., for insulation against ground-water and for cellar insulation against water pressure (2 bars), for repairing and reconstruction of insulations, but first of all in instances, where thin, crack by-passing coat is required. Instead of the usual, passive fillers it contains components providing alkaline environment, so it is water-tight but vapour-permeable.

Two-component, flexible cementitious mortar for ther protection and waterproofing of concrete surfaaces, old and new roofs, terraces, balconies, cellars, pits, pools, tunnels, reservoirs, wet rooms, facades

PREPARING GROUND SURFACE:

The ground should be free of oil, dust and grease; it can be dry or wet but the loose, mouldering parts should be removed.

Other **Chem** products functioning as a ground should be hardened before applying the second layer. The ground surface should be pre-treated by **CHEM PRIMER**.

Afterwards **CHEM** flexible binding coating can be applied.

AFTERTREATMENT:

The applied coating does not require any aftertreatment.

The surfaces should be protected from every kind of humidity (e.g. rain, water) for 8 hours after applying.

The thickness of the ready layer can not be less than 2 mm.

TECHNICAL DATA:

Cement -based, two-component („B” – water-based dispersion, „A” – dry powder mixture) flexible, vapour-permeable insulating material.

The maximal crack by-passing power depends on the thickness applied.

Application in two layers is recommended. The material should be used above + 5 °C. As it contains plastic compounds, the coating adheres to several materials besides concrete: e.g. metal, bitumen, different kinds of plastic, glass, etc. (similar to an adhesive tape).

To achieve the above results preparation of the ground, professional application and keeping to prescribed layer thickness are unavoidable.

PROPERTIES:

- Flexible coating
- Environmentally friendly
- Does not contain any organic solvents
- Adheres perfectly to any surface
- Insulates against water and salty solutions
- Vapour-permeable
- Re-alkalizing
- By-passes cracks
- Climate-resistant

Technical expertise – planning – construction – sales

- Can be coated directly
- Cement – and water-based material

APPLICATION

The whole amount of the component „A” should be added to the liquid while stirring well, until it becomes a smooth stuff.

IMPORTANT: Always pour the powder into the liquid, never the liquid into the powder.

A machine with a capacity of at least 1500 RPM is recommended for mixing, in order to avoid unwanted air-pores getting into the mixture.

MIXING RATE:

- For 10 liters of emulsion 25 kg powder mixture

QUANTITY OF MATERIAL NEEDED:

- 1 layer: app. 3 kg/m²
- 2 layers: app. 2 kg/m²

STORING:

The emulsion (component „b”) can be stored 6 months in sealed original package, protected from frost and high temperatures (do not store it above +30 °C and do not expose to direct sunlight.) After longer storing a skin max develop on top, in this case it should be stirred before usage. Component „A” should be protected from humidity (it is recommended to store it in a dry place).

APPLICABILITY ON PICTURES:

Exclusive distributor in Hungary is:

1. Talajnedvesség-, talajvíznyomás-, csapadékvíz elleni szigetelések, valamint hő- és hangszigetelések.
2. Mérnöki tevékenység, szaktanácsadás, műszaki ellenőrzés, tervezés, árajánlat készítés.
3. Speciális szigetelőanyag kereskedelem (Chem, Penetrát, Renovex, Wet-Save).