

Polycoat RBE 5

SBS modified bituminous coating

Tough and flexible vapor proof protective coating.



CHARACTERISTICS

- ▶ Cold applied.
- ▶ Single component, easy to apply.
- ▶ Can be applied on damp substrates.
- ▶ Asbestos free, odorless. Can be applied in closed or confined spaces.
- ▶ Environmentally friendly. Low VOC.
- ▶ Resistant against chloride and sulphate ions.
- ▶ Has good adhesion to most building substrates.
- ▶ Seamless/joint free.



DESCRIPTION

Polycoat RBE 5 is rubber modified bitumen emulsion coating, which dries to form a tough, seamless, flexible vapor proof protective coating.

FIELDS OF APPLICATION

Polycoat RBE 5 is used as a protective coating for cladding works to prevent infiltration of vapour and moisture into the building structure.

APPLICATION

Application procedures may vary slightly depending upon site conditions. The general recommended guideline for the application of the bitumen coating system is as follows:

Surface preparation

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.



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Priming

It is highly recommended to apply a priming coat prior to the application of the Polycoat RBE 5 coating on the substrate. The primer can be prepared in the site by diluting Polycoat RBE 5 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 surfaces 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 top coat for more than 24 hours, a fresh coat of primer shall be re-applied.

Application

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 @1-4m²/L/coat. On vertical areas, it is recommended to apply the coating in multiple layers in order 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

