



We Create Better Future

Super-Chem

High Quality Elastomeric Acrylic Waterproofing

Description:

Super-Chem is one component, high quality elastomeric coating system based on Polymeric compounds. It can be used as a waterproofing and flexible protective coat to protect roofs, balconies, terraces. For external and internal applications.

Typical Uses:

Super-Chem is suitable for the following application:

- Waterproofing and flexible protective coat to protect roofs, plaster, poured-in place concrete and other masonry surfaces.
- Protective coating for polyurethane sprayed foam against ultra violet effect.
- Waterproofing and flexible protective coating for steel surfaces.
- It is also suitable for primed exterior wood and wood siding.

Advantages:

- Excellent flexibility.
- Stable under ultra violet rays.
- Single pack and easy to apply.
- Excellent weather resistance.
- High elasticity and excellent adhesion over virtually all sound cement-based substrates.
- Environmental friendly.
- Nontoxic and Nonflammable. Resistant against harsh environment.
- High resistance to chloride ion diffusion
- Economical.

Technical properties (@25°C & 50% R.H)

Appearance/Color	white, grey Other colors on request.
Density	1.3 Kg. / Lt.
pH	8-9
Solid Content	Approx.65 %
Chemical resistance	Alkalis, acids, diesel
Elongation	500 %

Tensile strength	1.2 N/mm ²
UV resistance	No effect after 2000 hours
Modulus of elasticity at 100% elongation (ASTM D412)	0.05 N/mm ²
Adhesion strength	1 N/mm ²
Complete hardening at +25°C	7 days

Note:- Properties are based on laboratory-controlled tests.

Instruction for use:

Surface preparation:

All surfaces must be clean, dry, sound and free from contaminations such as loose and peeling paint, dirt, dust, grease, oil, wax.

Dull any glossy surfaces, repair damaged areas with appropriate patching material and allow to dry.

Application:

Super-Chem is ready to use and can be applied by spray, brush or roller.

Before the following coat is applied make sure that the previous coat is completely dry (from 6-8hours) according to the weather situations.

Apply **Super-Chem** in two crossed coats at total thickness 1mm, the first coat thickness must not be less than 0.5mm. A fibre glass mesh can be embedded between two coats in coving areas, internal corners, interfaces, tap and rose plumbing. The mesh is embedded immediately over the first wet coat. Apply the second coat to coat to saturate the mesh, before the first coat dries.

Precautions:

Do not apply the **Super-Chem** if the ambient temperature less than +5°C. Protect the **Super-Chem** coating from rain.



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Curing:

The coating must be protected from extreme weather conditions, intermittent rain for minimum 24 hours.

Packing:

Super-Chem is packed in 20kg metal can.

Coverages:

Approx. 2 Liter/m² @ 1mm thickness depending on surface conditions.

Storage:

Store under dry shaded area in the original closed container.

Shelf Life:

12 months from date of production if stored as recommended.

Health & Safety:

Super-Chem Should be avoid direct contact with skin or eyes. It is recommended to use protective gloves and goggles during handling and application, should be consult a doctor immediately if necessary.

Important Note:

The information contained herein is to the best of our knowledge true and accurate and is given in good faith, based on practical experience and applied testing Site or application – specific conditions may vary from those described here and thus the correct and successful use of the product is beyond our sphere of influence.

If in doubt, the user should therefore first carry out sufficient tests to ensure the product is suitable. Legal liability cannot be accepted, either solely based on the content of this information sheet or any verbal advice given.

All **BuilChem** Datasheets are updated on regular basis. It is the user's responsibility to obtain the latest version.

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