

ALEXPROOF WE



**An Elastomeric, Cement-Based Waterproof
Glastomeric Membrane.**

Description

ALEXPROOF WE is two components, non toxic, acrylic modified cement based waterproofing and weather proofing protective coating for concrete and masonry surfaces. It is formulated to achieve a flexible membrane which will reach crack bridging up to 1mm. The liquid component of **ALEXPROOF WE** is formulated from a blend of aqueous dispersion of an acrylic based which produce flexible film with high elongation and tensile strength.

Uses

- Suitable for internal and external use, against positive and negative water pressure.
- To protect concrete from water, carbonation and de-icing salts.
- For waterproofing water-retaining structures which may be subject to movement.

Advantages

- Can be used on damp surface.
- Easy to mix and apply by roller, brush or spray.
- Waterproofing and weather proofing.
- Non toxic, so used in contact with potable water.

Surface preparation

Remove all grease, oil, dust and residual curing compound, mould release agent or

other contaminant that could impair adhesion. Laitance should preferably be removed by light sweep blasting or hydro jetting.

Mechanical wire brushing may be appropriate for small areas.

Spalled concrete should be cut back to sound concrete and made good with a suitable cementitious repair mortar.

Conventional concrete curing compounds should be removed before application.

Clean the surface by water.

In case of damage concrete:

- Cut back to sound concrete, then repaired.
- Soak the cut area by water.
- Repair before painting by using **ALEX REPAIR MORTAR**.

Standard

ASTM C-230

Properties

Pot life	60 minutes
Water absorption	Less than 1.5%
Water vapour	$\mu=990$
Appearance	Brushable slurry
Density	1.80 Kg/m ³
Crack bridging	Up to 1 mm
Tensile strength	1.00 N/mm ²
Adhesion	2.00 N/mm ²

Guide to application

Mixing:

- Use a slow speed drill (500 r.p.m).
- Mix component (A) liquid in clean container.
- Add component (B) powder during mixing gradually and still mixing till reach a homogenous colour free from lumps.

Coverage:

Brush application 12-14 m2 per pack (recommended two coats)

Colour:

Grey, white, red, brown, and other colours could be produced upon request.

Packing:

Is supplied in two component 25 kg.

Storage:

- Should be stored in shaded areas, avoid excessive compaction.
- Avoid moisture or any extreme temperature.

Safety precaution

- Avoid contact with eyes, mouth skin.
- Keep away from heat.
- In case of skin contact wash immediately with soap and water, don't use solvent.
- Contact medical assistance in case of contact with eyes.

Shelf life:

Up to 12 months when stored as Recommended

Guarantee:

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

Technical Service:

For any technical advice for using the **ALEXCHEM** contact the technical office.