

# ALEX PROOF RES



## Coating for Corrosion Protection

### Description

**ALEX PROOF RES** is two components polymer modified cementitious coating for corrosion protection.

### Uses

- Protect Reinforced steel from corrosion.
- Prevent the action of salts and calcium chlorides.
- Repair of damage reinforced concrete.

### Advantages

- Excellent adhesion to steel.
- Easy to use.
- Non toxic
- Non inflammable.
- Good resistance against chlorides, water.
- Contains corrosion inhibitors.

### Surface preparation

All surfaces should be dry and free from contamination Such as oil, grease, loose particles, moss, algal growth, laitance. The reinforcing steel must be clean with steel brush

### Standard

According to ASTM C882

### Properties

Pot life:	25 minutes @ 30°C
Colours	Grey or Green
Density	2 kg/l @ 27°C
Bond strength	1-2 N/mm <sup>2</sup>
Application temperature	Min 0°C

### Guide to application

#### **Mixing**

- Use a slow speed drill (250 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.

#### **Mixing ratio**

- Component A: Component B =1:4 (By weight)

### Application

- Surface should be damped after preparation.
- Use a short stiff brush.
- At least two coats must be applied with approximately 1 mm thickness each.
- Apply the first coat and the second coat after 3-4 hours.

### Coverage:

Application 3.50 Kg/m<sup>2</sup>  
(Recommended two coats)

### Packing:

Is supplied in two component  
5 Kg, 25 Kg

### Storage conditions

Store in cool, dry conditions, away from sources of heat and naked flames, in the original, unopened packs.

If stored at high temperatures and/ or high humidity conditions the shelf life may be reduced

### Safety precaution

- Non flammable
- Non toxic
- Any splashes on skin should be washed with clean water.
- Case of contact with eyes clean with running water and seek medical assistant.
- Wear suitable clothes, gloves and eye protection.

### Shelf life:

Up to 6 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.