

## PROXI FLEX SUPER STRONG

(Formerly known as PROXI PRE-03)



### TECHNICAL DATA SHEET

#### Acrylic emulsion based bonding agent and waterproofing liquid

##### Description

Proxi Flex SuperStrong is acrylic emulsion based multipurpose liquid. It can be used as bonding agent, waterproofing and for polymer modified repair mortar.

##### Areas of Application

- As a bonding agent for old and new concrete/mortar
- Waterproofing of toilets, sunken slab and terrace
- Making polymer modified repair mortars
- Water resistant plasters

##### Features and Benefits

- Excellent bonding agent between old concrete and new concrete
- Exhibits good waterproofing characteristics
- Can be used for internal as well as external use

##### Method of Application

###### As bonding agent

- Surface should be free from oil, grease, debris, old coatings and loose materials
- Surface should be abraded by suitable methods like wire brush or shot blasting
- Surface should be free from dust and other foreign particles before applying bond coat
- Surface should be saturated with water prior to application of bond coat
- Mix Proxi Flex SuperStrong and neat cement in the proportion 1:1. Mix till a homogeneous lump free mix is obtained
- Ensure that the surface is still wet with no standing water
- Apply the mixed slurry over the pre wet surface using brush at coverage of 400 - 600 gms per sqmtr. However the actual coverage will depend upon surface conditions
- Fresh concrete or mortar should be placed when the bond coat is in tacky condition
- Recoating of bond coat is strongly recommended if the

applied bond coat has dried

###### For waterproofing:

###### Surface Preparation:

- Surface preparations should be done as per details given previously
- Any cracks should be repaired and filled using suitable product
- For waterproofing mix the Proxi Flex SuperStrong and neat cement in the ratio 1:2. Mix till a homogenous lump free mixture is obtained
- Apply the slurry coat on to the moist surface at coverage of 0.8 – 1 Kg per sqmtr. However the actual coverage will depend upon the surface conditions
- Allow 4 -5 hours drying of the first coat prior to application of second coat
- Allow 72 hours air curing after second coat
- If any further plastering needs to be done after second coat, then apply the plaster when the second coat is still tacky

###### Precautions

- The mixed material should be consumed within 30 minutes at 30°C
- Dilution of the Proxi Flex SuperStrong is strongly not recommended
- Do not apply when it is raining
- In hot conditions, use a suitable curing agent to prevent

| Parameter        | Value              |
|------------------|--------------------|
| Aspect           | Milky white liquid |
| Specific Gravity | 1.02 ± 0.02        |
| pH               | 7.00-9.00          |
| Solids%          | Approx.43%         |

###### Packaging and storage

- Proxi Flex SuperStrong is available in pack size of 1Ltr, 5 Ltrs, 30 Ltrs and 200 Ltrs container
- Proxi Flex SuperStrong should be stored in dry cool condition away from direct sunlight

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##### Health and Safety

- **Proxi Flex SuperStrong** should not come in contact with direct skin
- Use protective gloves, goggles while handling
- Rinse with plenty of water if contacted with eyes. If irritation persists consult doctor immediately
- **Proxi Flex SuperStrong** should not be swallowed. If swallowed seek medical attention immediately. Do not induce vomiting

##### Shelf Life

1 year in unopened sealed condition

##### Disclaimer

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##### PROXI SHIELD

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