



# FLG80 CHRISTY GLASS

## LIQUID CRYSTAL FLOOR HARDENER

### USES

1. Concrete floor hardening and dust proofing of self-levelling screed
2. Re-waterproofing of leaky tiled toilet floor by flooding
3. Old flat concrete roof waterproofing
4. Stops efflorescence and acid etching on marble

### FEATURES

#### 1. Hardening of Powdery Self-Levelling Cement

FLG80 is a special silicate compound for the permanent consolidation and hardening of surfaces based on cement materials. Reduces white powdery deposits on the surface of self-levelling cement.

#### 2. Eliminates or Reduces Efflorescence

Penetrates the surface and reacts with the free calcium in the concrete or marble, thus hardening, densifying, sealing, dustproofing and reducing water penetration on the stone surfaces. Also reduces or eliminates the formation of efflorescence.

#### 3. Priming

Improves the adhesion of subsequently applied paints and coatings to concrete surfaces.

#### 4. Wear Resistant

Increases the abrasion, impact and wear resistance of concrete floors where high volumes of pedestrian or forklift traffic are expected.

#### 5. Stain Resistant

Reduces the porosity of marble and concrete surfaces to improve the chemical and stain resistance to most organic acids, alkalis, salts and foods.

#### 6. Breathable Surface

Treated surface is breathable thus preventing floor sweating.

### APPLICATION METHOD

- Preferably performed by a professional waterproofing contractor.
- Before treatment, seal and patch all cracks to prevent FLG80 from staining equipment.

#### For Toilet Waterproofing

Dilute **FLG 80 + Water = 1 + 5 to 10** by volume before use.

1. Can be applied to both polished or unpolished new or old concrete and self-levelling screed surfaces without leaving any residue on the surface.
2. Apply by flooding the floor for 1 hour to allow it to penetrate deeply.

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### APPLICATION METHOD

#### For Concrete Floors

Dilute **FLG 80 + Water = 1 + 20** before use.

1. Can be applied to both polished or unpolished new or old concrete and self-levelling screed.
2. Apply by brush or rubber spreader.
3. Apply 2 coats and keep it wet for at least 30 minutes to allow it to penetrate deeply.
4. On the next day, sprinkle water on the surface for the chemicals to react further.

### REMARKS

- During application, direct exposure to sunlight should be avoided.
- The temperature of the surface to be treated should be between +5°C and +40°C.



Polished Floor



Self-levelling Screed

### TECHNICAL DATA

- Appearance: Clear liquid
- Specific Gravity: 1.05 - 1.10
- Flash Point: Non-Flammable
- Low VOC; non-toxic; environmentally friendly
- pH Value: 9 - 11
- Penetration Depth: 2 - 10 mm
- Coverage: 40 m<sup>2</sup> / 1 kg (after dilution with water)

### PACKING

1-kg bottle, 5-kg pail, 20-kg pail, 250-kg drum

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### SAFETY AND HEALTH PRECAUTIONS

- May cause sensitization and burns by skin contact. When handling, rubber gloves, face shield, goggles and suitable protective clothing should be worn.
- **ORAL EXPOSURE:** In case of ingestion, rinse the mouth with water. Call a physician.
- **INHALATION EXPOSURE:** In case of inhalation, proceed to an open space. If breathing becomes difficult, call a physician.
- **DERMAL EXPOSURE:** In case of contact, immediately remove clothing and rinse with copious amounts of water. Call a physician.
- **EYE EXPOSURE:** In case of contact, immediately rinse with copious amounts of water for at least 15 minutes. Assure adequate rinsing by separating the eyelids. Call a physician.

### APPLICATION PRECAUTIONS

- Do not let FLG80 come in contact with glass, windows, aluminum or stainless steel. Will form hard crystals. When dry, it is very hard to remove them.
- Crystal formed can only be removed by washing with detergent or polishing.

### Disclaimer:

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