



## PRODUCT DESCRIPTION

ZURA FLOWGROUT is a cement based non-shrink, non-expanding polymer enriched high performance, high strength, high quality binder for precision grouting applications. ZURA FLOWGROUT is developed by using special polymers, additives and selected fillers.

## SPECIFICATION

Technical Parameters complies with following Standards: ASTM C1107, ASTM 190, ASTM C 109, ASTM C 157, ASTM C 940, ASTM C 469, ASTM C 348, IS 4031, IS 2770, IS 5816, IS 1237, IS 13630

## USES

For application of tie ROD gap filling using gun

## ADVANTAGES

- ▶ Ready to mix Single component system, no hassles of mixing the ingredients
- ▶ Excellent bond strength
- ▶ Non Shrink; Non Expandable Grout
- ▶ Ultimate compressive strength
- ▶ Consistent in quality
- ▶ Enhanced flow properties and pot life
- ▶ Self-compacting in nature
- ▶ No bleeding and better consistency

## TECHNICAL DATA

Wet Density	2250-2350 Kg/m <sup>3</sup>
Water Powder Ratio	0.25-0.27
Compressive Strength (N/mm <sup>2</sup> )	22 MPa @ 28 day

## APPLICATION INSTRUCTIONS

Recommended for filling gaps in tie-rod holes and mivan shuttering holes. And it also can be used for precast concrete and any other concrete structure where holes and gaps are to be filled.

### Areas of Application

ZURA FLOWGROUT is recommended for grouting with design, machine foundations and beds which demand high early strength, as barrier material for strong rooms and vaults.

Suitable for harbors and airports for concrete area repairs & maintenance. Highly recommended for high strength precast element manufacturing.

### Surface Preparation

Prepare the surface before the application of ZURA FLOWGROUT by removing oil, bond inhibiting agents, dirt, dust and laitance with suitable methods like by using wire brush, water jetting, mopping, etc.

### Mixing

ZURA FLOWGROUT requires 25-27% of water by weight of material.

Add ZURA FLOWGROUT to the measure quantity of water with constant stirring using a mechanical mixing device. Mix to a thick lump free consistency.

Allow to stand for 2 minutes for the mix to mature and then remix to use. Do not add any extra water to alter the mix consistency or to extend the pot life.

Further water additions will hamper the strength and adhesion properties of ZURA FLOWGROUT.

### Application

Use the mixed ZURA FLOWGROUT to the prepared substrate using the appropriate pouring technique.

ZURA FLOWGROUT should not be vibrated with any mechanical vibrators as it is self-compacting by itself.

Any external vibrations will segregate the mix and there are chances of changes in the product performance from the designed properties.

Curing is required only for extreme climatic condition of application

# ZURA FLOWGROUT

High Performance Precision Grout

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## PACKAGING

25 Kg bags

## SHELF LIFE

ZURA FLOWGROUT has a shelf life of 6 months from the date of manufacture. Store at cool and dry place.

## HEALTH & SAFETY

ZURA FLOWGROUT is non-toxic. Use of gloves and goggles recommended. Any splashes to the skin or eyes should be washed off with clean water immediately.

In case of prolonged irritation, medical advice should be sought. ZURA FLOWGROUT is non-flammable.

**Important:** It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, **Prozura Construction Chemicals Pvt. Ltd.** does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.

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