

Mortars

# BETONREP 250

## High Quality Repairing Mortar



### General Properties:

- **BETONREP 250** is one component cement base ready mix repairing mortar used for repairing cement substrata.
- Aggregate size up to 2.5 mm.
- One component, just add water.
- Excellent cohesion and adhesion to different substrata especially to non porous surfaces.
- Has high water retention, accordingly high workability.
- Can be applied to vertical, inclined & softies surfaces .

### Uses:

- Repairing for all cement or concrete works for thickness from 6mm to 50mm.
- Repairing and preparing cement surfaces and concrete for water structures specially before proofing.
- Hard screed layer to industrial floors free of joints thickness up to 5 cm area up to 50 m<sup>2</sup>.
- Grouting mortar for bolts, base plates due to its low shrinkage.
- High quality adhesive for ceramic, marble and tiles especially in water structures.

### Application:

1. Clean substrate before application & remove all loose particles.
2. Wet substrate before application.
1. Put water in a suitable container. (Water ratio = 10%) (2.5 liter / 25 kg powder).
3. Add **BETONREP 250** to the water & mix well, till you get required consistency according to application.
4. Apply **BETONREP 250** with the suitable tool for the required application.
5. Clean tools immediately after application using water.

**Note:** Due care to add the powder component to the water not vice versa.

### Technical Data:

<b>Compressive Strength</b>	: (ASTM C-109) Water ratio = 10%		
	<b>Time</b>	<b>Compressive Strength</b>	
	3 days	220 kg/cm <sup>2</sup>	
	7 days	300 kg/cm <sup>2</sup>	
	Water ratio 10%	Water ratio 10%	
<b>Setting Time of O.P.C.</b>	: (ASTM C-191) 30min		
<b>Pulloff Strength</b>	: ASTM D 4541-95		
	<b>Substrate</b>	<b>Concrete surface</b>	<b>Steel Surface</b>
	<b>Pull off stress</b>	1.12 N/mm <sup>2</sup> Failure to substrate	2 N/mm <sup>2</sup>
			<b>Glaze surface of ceramic tiles</b>
			0.9 N/mm <sup>2</sup>
<b>Packaging</b>	: 25 kg in double plastic bag.		
<b>Shelf Life</b>	: 6 months in closed container and away from sunlight, heat and humidity.		

### Environment:

- **BETONREP 250** is non toxic and suitable for potable water structures
- Boots, rubber gloves, dust masks, and safety goggles.
- Refer to MATERIAL SAFETY DATA SHEETS (MSDS)

END OF TECHNICAL DATA

**For more information please contact our technical department**

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