

Proofing

MORTAR STOP

High Rapid Setting Mortar



General Properties:

- **MORTAR STOP** is a ready mix powder product used as rapid hardening cement for stopping running water.
- Initial setting time is very rapid.(withen minutes) .
- High adhesion due to low shrinkage.
- Reduces permeability and increases resistance to carbonation in aggressive environments.
- Non toxic, thus suitable to be used in contact directly with potable water and food staff.
- High resistance to chemicals with (PH > 4).
- Non-shrink in plastic stage, very low shrinkage after hardening.
- High adhesion to steel reinforcement, concrete, most construction substrata.

Uses:

- Sealing leakage around inlet and outlet pipes in water structures.
- stopping water flow during proofing of submerged water structures .

Application:

1. The patch area should be free of loose material, dirt, dust and foreign materials.
 2. Wear gloves & eye goggles before application.
 3. Preparation should include enlarging **large and small** cracks and holes (avoid v – shape cuts) .
 4. Start at the top and downwards.
 5. Blend 25% - 30% of water to **MORTAR STOP** by weight.
 6. **MORTAR STOP** should be mixed to form a heavy putty consistency.
 7. Apply **MORTAR STOP** while maintaining light pressure by hand on the patch.
 8. Maintain pressure until initial setting begins and leakage stops.
 9. Don't mix more than the quantity that can be used within 3 min.
 10. Curing : no special curing is required.
- Note : hot temperature will reduce the setting time, at colder temp. below 10°C, use warm water.

Technical Properties:

Setting time : ASTM C 191

TABLE 1

TEMP	5°C	10°C	15°C	20°C
Initial Setting Time	5	3	1.5	1
Final Setting Time	6	4	2	1.5

Compressive Strength : ASTM C109

TABLE 2

Time	10 min	60 min	180 min	24 hrs	7 days	28 days	91 days
Compressive Strength N/mm ²	5	7	13	27	36	51	70

Shelf Life : 12 months in closed container and away from sunlight, heat and humidity.

Environment: - 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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