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# CEMENT POLYMER GROUT

## Polymer Modified Grout for Wall and Floor Tile Joints

POLYMER MODIFIED, WATER RESISTANT, CEMENT POLYMER GROUT FOR  
JOINT WIDTH OF 2 - 6mm IN INTERIOR AND EXTERIOR

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### Features

Polymer modified grout

Good compressive strength

Available in range of colours

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Indian Green Building Council

**M E M B E R**

### ARDEX ENDURA (INDIA) PRIVATE LIMITED

Corporate Office & Regd. Office: 73/1B,  
Byregowda Indl. Estate, Sriganthanagar,  
Hegganahalli, Peenya 2nd Stage,  
Bangalore - 560 091, Karnataka, INDIA.  
Tel: +91-80-2836 1672 / 2836 1673  
Fax: +91-80-2836 2078  
E-mail: [customercare@ardxendura.com](mailto:customercare@ardxendura.com)

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## Polymer Modified Grout for Wall and Floor Tile Joints

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IN INTERIOR AND EXTERIOR

### DESCRIPTION

A high quality fine, polymer-modified, water - resistant, cement - based powder grout designed for grouting glazed wall tiles, mosaics, vitrified & fully vitrified tiles, floor tiles, industrial floor tiles, etc (where chemical resistance, hygienic and sterile is important use ARDEX ENDURA EPOXY GROUT).

### COLOURS

White	Alpine blue
Ivory	Dark blue
Cream	Copper brown
Beige	Dark brown
Yellow	Terra red
Mushroom	Burgundy
Pink	Grey
Light green	Steel grey
Dark green	Dark grey
Blue	Black

### AREAS OF APPLICATION

Walls	✓
Floors	✓
Interior	✓
Exterior	✓
Dry Areas	✓
Work Tops	(1)
Showers	✓ (2), (4)
Swimming Pools	✓ (3), (4)
Movement/ vibration	✓ (4)
Heavily Trafficked Floors	✓ (4)
Hygienic Sterile Areas	(1)

### NOTE:

✓ = Suitable

- Use ARDEX ENDURA EPOXY GROUT which conforms to the current food hygiene regulations.
- Not recommended for use in power showers, use ARDEX ENDURA EPOXY GROUT. Do not use showers for at least 2 weeks following completion of grouting.
- Do not fill pool at least 3 weeks following completion of grouting.
- Use in conjunction with ARDEX ENDURA ADMIX GT1. (See datasheet of ARDEX ENDURA ADMIX GT1 for further details). The addition of ARDEX ENDURA ADMIX GT1 to cement-based GROUTS will enhance adhesion to tile edges, reduce water permeability and imparts flexibility.

### SURFACE PREPARATION

- Joints should be free from efflorescence, laitance, dirt and other loose material. Remove thoroughly by dry brushing.
- Clean: All joints should be cleaned down by washing with water containing detergent, then with clean water.
- Ensure the joints are dry before grouting.

### Movement Joints:

These should be provided in accordance with BS 5385 : part 1 - 5 and may be filled with the appropriate flexible sealant. Intermediate floor joints should be reinforced with brass or stainless steel. Use stainless steel where hygiene is essential.

### SITE WORK INSTRUCTIONS SURFACE CONSIDERATIONS

#### Fixing the Tiles:

It is essential that the tiles used are appropriate for the service conditions and are fixed in the correct manner.

#### Application Procedure:

Before commencing grouting the adhesive bed must be set. It is essential that the tiles used are appropriate for the service conditions and are fixed in a solid bed of adhesive i.e. ensuring that, as far as possible, no voids are left behind / beneath the tiles. Refer to the relevant product datasheet for setting / drying times.

Protect open joints from contamination and ensure that they are clean, dry and free from loose debris prior to grouting.

Do not use in damp conditions.

### MIXING

Mix the CEMENT POLYMER GROUT with clean water until a lump-free smooth paste of uniform colour is obtained. If an electric drill mixer is used blend on a slow speed (less than 300rpm). Avoid entraining air by mixing at too high speed or by over mixing. Do not reconstitute the mixed GROUT by adding more water, this will reduce the final strength.

### APPLICATION

- Using a grout float or rubber squeegee compact the GROUT into the joints ensuring that they are completely filled. Work in small areas and remove as much excess GROUT from the tile surface as possible. Do not exceed the working time of the GROUT.
- Use a sponge or sponge-board, dampened with clean water to clean the tile surface. Allow about 15 minutes for the GROUT to dry a little before cleaning off. Clean diagonally to the joint lines.

- Finally wash down with clean water with sponge/sponge board to remove any dried GROUT film from the tile surface.
- Once the GROUT has sufficiently set within the joints, polish the tile surface with a clean cloth. Alternatively give a final wash down with clean water using a dampened sponge.

### NOTE :

- Care should be taken to avoid staining tiles when grouting with coloured material. This is especially applicable when grouting unglazed floor tiles, quarry textured surface, Check the potential risk of staining by applying the grout to a few tiles in a small trial area. If discolouration occurs apply ARDEX ENDURA PROTECTIVE TILE & STONE SEALER and repeat the trial.
- The addition of ARDEX ENDURA ADMIX GT1 to CEMENT POLYMER GROUT will enhance adhesion to tile edges, water-resistance and improves flexibility.

### TECHNICAL SPECIFICATION

CEMENT POLYMER GROUT	@ 27 ± 1°C
Joint Width	2 - 6mm
Pot Life	30 minutes
Curing Time	24 hours
Temperature Resistance	-30°C to 150°C
Mixing Ratio	Water : Grout 1 : 3
Compressive Strength	24 hours min. 4.00 kN 48 hours min. 8.00 kN

### SPACERS

Use ARDEX ENDURA spacers for uniform joint width.

### STORAGE AND SHELF LIFE

CEMENT POLYMER GROUT has a shelf life of 12 months when stored in normal dry conditions.

For more details please refer the relevant product safety datasheet

### PRECAUTIONS

Keep out of reach of children, wear suitable protective clothing, gloves and eyes/face protection. After contact with skin, wash immediately with plenty of clean water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice.

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**COVERAGE ESTIMATES**

Pack size	Coverage
10kg, 1kg & 500g	Consumption depend on joint width, size of tiles and good workmanship. Refer to the theoretical coverage calculation below:

Theoretical coverage calculation:

$$\frac{(\text{Tile length} + \text{Tile breadth}) \times \text{Tile thickness} \times \text{Joint width} \times \text{Wet density}^*}{(\text{Tile length} + \text{Joint width}) \times (\text{Tile breadth} + \text{Joint width})} = \text{kg/m}^2$$

**NOTE:**

\* Wet density = 1.80

All the dimensions are in mm

**CONDITIONS OF SALE**

Sold subject to the Company's conditions of sale which are available on request.

**NOTE**

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

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**BRANCHES**

• AHMEDABAD	079 26425310	• LUCKNOW	0522 4043251
• AURANGABAD	9881249293	• LUDHIANA	0161 2532170
• BANGALORE	080 22230138	• MANGALORE	0824 2442176
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