



SUPER GROUT

High polymer modified, water and stain resistant grout

DESCRIPTION

SUPER GROUT is a high quality, high polymer - modified, high performance grout with excellent water - repellent and efflorescence resistance properties designed for grouting glazed tiles, mosaic, vitrified and fully vitrified tiles, ceramic tiles, industrial tiles, granites, marbles & other natural stones etc. SUPER GROUT has higher strength, water and stain resistance compared to normal cement grout.

AREAS OF APPLICATION

Walls & Floors	✓
Interior & Exterior	✓
Dry Areas	✓
Showers	✓ (1)
Swimming Pools	✓ (2), (3)
Heavily Trafficked Floors	✓ (3)
Movement/ vibration	✓ (3)

Note

✓ = Suitable

- Do not use showers for at least 2 weeks following completion of grouting.
Not recommended for use in power showers, use EPOXY GROUT.
- Do not fill pool at least 3 weeks following completion of grouting.
- Use in conjunction with ADMIX GT 1. The addition of ADMIX GT 1 to cement based grouts will enhance adhesion to tile/stone edges, reduce water permeability and imparts flexibility.

FEATURES

- High bond strength
- Excellent water repellent property
- Non-shrink
- Better efflorescence and stain resistance
- Suitable for joint width of 1 - 6 mm
- For interior & exterior use
- Available in range of colours
- Conforms to overall Migration Test specifications as per USFDA - 175.300, certified by CFTRI for intended use for contact with portable water

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

PHYSICAL PROPERTIES

SUPER GROUT	@ 27 ± 1°C
Joint Width	1 - 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. 5.00 kN
48 hours	min. 9.00 kN
VOC Content	5.19 g/L

COVERAGE ESTIMATES

Pack size	Coverage
1 kg	Consumption depends on joint width, size of tiles.

Refer to the theoretical coverage calculation below:

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

NOTE:

* Wet density = 1.80

All the dimensions are in mm

Tile size in mm (L x B x T)	SUPER GROUT Coverage per kg (in sq. m)				
	Joint sizes				
	2 mm	3 mm	4 mm	5 mm	6 mm
200 X 300 X 6	5.56	3.85	2.86	2.33	2.13
300 X 300 X 8	5.26	3.57	2.70	2.17	1.82
300 X 600 X 10	5.56	3.70	2.86	2.27	1.92
450 X 450 X 10	6.25	4.17	3.23	2.56	2.13
600 X 600 X 10	8.33	5.56	4.17	3.33	2.86
800 X 800 X 10	11.11	7.69	5.56	4.55	3.70
1000 X 1000 X 10	14.29	9.09	7.14	5.56	4.76

APPLICATION INSTRUCTIONS

Surface Considerations

- Before commencing grouting the adhesive bed must be set. Clean the joints of all adhesive and all other containments such as efflorescence, laitance, dirt and other loose material using a grout raker.
- All joints should be made wet 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.

SUPER GROUT

High polymer modified, water and stain resistant grout

Mixing

Take pre-measured water in a clean mixing vessel. Add SUPER GROUT in the vessel and mix until a slump 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 mixed 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.
- Allow about 15 minutes for the grout to dry. Using a dampen sponge, clean the tile/stone surface diagonally to the joint lines.
- Finally wash down with clean water and sponge to remove any dried grout film from the tile/stone surface.
- Once the grout has sufficiently set within the joints, polish the tile/stone 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 tile/stone when grouting with coloured grout. This is especially applicable when grouting unglazed floor tiles/stone, quarry textured surface, etc. Check the potential risk of staining by applying the grout to a few tile/stone in a small trial area.
- The addition of ADMIX GT 1 to SUPER GROUT will enhance adhesion to tile/stone edges, water-resistance and improves flexibility. Mix 100 ml of ADMIX GT 1 with 230 ml of water. Stir well, then add 1 kg of SUPER GROUT and mix until we get the lump free smooth paste.
- If certain dark shades are used, initially grout colour may bleach, but after 2 - 3 times of water wash the colour bleaching will stop.
- Where chemical resistance, hygienic and sterile is important use EPOXY GROUT.

CLEANING

Tools and containers may be cleaned using clean water when the adhesive is still fresh. The hardened adhesive can be removed from tools mechanically.

STORAGE AND SHELF LIFE

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

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.

For more details please refer the relevant Material Safety Data Sheet

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.



ARDEX ENDURA (INDIA) PRIVATE LIMITED

an ISO 9001:2015 & ISO 14001:2015 certified company
Corporate Office & Regd. Office: Unit No. 406 & 407,
"Brigade Rubix" No. 20, HMT Campus,
Yeshwanthpur Hobli, Bengaluru - 560013.
CIN No: U24233KA1997PTC022383 Tel: +91 80 66746500
Email: customercare@ardexendura.com
Website: www.ardexendura.com

Branches

• AHMEDABAD	079 26425310	• HUBBALLI	0836 2970505	• NAGPUR	+919822223743
• AURANGABAD	+918605445577	• HYDERABAD	040 27650293	• PATNA	+919934687909
• BENGALURU:	080 40912934	• INDORE	0731 4021148	• PUNE	020 64781879
• BHUBANESHWAR	0674 2578101	• JAIPUR	0141 2392993	• RAIPUR	0771 4038300
• CALCICUT	0495 2460334	• KOLKATA	+919831071084	• SALEM	0427 2211454
• CHENNAI	044 42805544	• LUCKNOW	0522 4043251	• SHIVAMOGGA	+919880605770
• DELHI	+919810603431	• LUDHIANA	0161 2532170	• TRICHY	0431 6454649
• ERNAKULAM	0484 2341044	• MANGALURU	0824 2442176	• TRIVANDRUM	0471 2598648
• GOA	0832 2750992	• MUMBAI	022 65133299	• VIJAYAWADA	+918688354587
• GUWAHATI	+917896002188	• MYSURU	0821 2570171	• VISAKAPATNAM	0891 6469499