



ARDEX FG 8

Highly Versatile Flexible Coloured Grout

Excellent workability - easy to apply and clean off

Strong uniform colour - reduces efflorescence

Smooth finish, flush joints – reduces trapped dirt

Polymer fortified – reduces likelihood of cracking

Mould resistant & water repellent – improves hygiene and appearance

Grout to 8mm wide – more versatile

Extremely low VOC meets Green Building Council of Australia Green Star IEQ-13 requirements

Available in a wide range of colours

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ARDEX FG 8

Highly Versatile Flexible Coloured Grout

DESCRIPTION

A smooth, flexible cement-based grout with improved colour integrity, ARDEX FG8 can be used for tile joints 1mm to 8mm wide, on walls and floors. It contains ARDEX Grout Shield to combat mould growth. Improved workability helps ensure flush joints, which is most noticeable with rectified edged tiles. ARDEX FG8 is available in a range of designer colours, and is suitable for grouting indoors and out.

FOR GROUTING (TILE TYPES)

Porcelain, ceramic tiles, terrazzo, slate, quarry tiles, glass and moisture insensitive natural stones

PREPARATION

Ensure joints are clean and free from dust, excess adhesive and bedding mortar. Do not grout until the adhesive has set firmly. All 'spacers' must be removed from joints. Prior to grouting, it is advisable to check ease of cleaning with tiles that have a textured or matt surface.

MIXING

ARDEX FG8 powder is added to clean water in a clean container whilst stirring thoroughly to give a lump free, paste like, creamy mortar. A 20kg bag of ARDEX FG8 requires approximately 4.2 litres of water.

For swimming pools and timber floors, first dilute ARDEX Grout Booster with water 80% Booster: 20% water). Then mix 4.4L of diluted ARDEX Grout Booster per 20kg powder.

The pot life of the mixed mortar is approximately 1 hour at 23°C and 50% relative humidity..

APPLICATION

Work grout into the joints using a rubber trowel. Compact the grout firmly into the joints ensuring they are completely filled, minimising the amount left on the tile surface. Allow the grout to firm up in the joint before clean-up. For tiles set on a thick bed of adhesive, it is preferable to ensure the adhesive has fully cured so as to minimise the chance of moisture affecting the colour of the grout.

Wipe tile surface with damp dense sponge, working diagonally across tile joints. Use a minimum amount of water to avoid water float and/or shade variation, efflorescence and shrinkage. Any dry film remaining on the tile surface can be removed when the grout has hardened in the joints by polishing the tile surface with a dry cloth, making sure no smears are left on surface.

In exterior conditions it is essential to provide protection from all extremes of climate during the whole fixing and grouting operation and for as long as possible afterwards.

When using ARDEX Grout Booster, ensure all cleaning off is completed before the grout dries on the tile face otherwise difficulties during cleaning may be experienced. All tools should be cleaned with water immediately after use.

DRYING TIME

Approximately 24 hours at 23°C and 50% relative humidity. Allow longer for dense tiles, lower temperatures or high relative humidity.

COVERAGE

Coverage will vary according to tile size, joint width and depth, as well as the method of application and on site condition. Allow an additional 15 - 20% for wastage.

Tile Size (mm)			Coverage in kg/m ²	
			Joint Width	
length	width	depth	1.5mm	3mm
50	50	5	0.6	1.2
100	100	5	0.3	0.6
150	150	5	0.2	0.4
300	300	5	0.1	0.3
600	600	10	0.1	0.23

PACKAGING

ARDEX FG8 is packed in poly bags and polylined paper sacks – net weight 1.5kg, 5kg and 20kg.

COLOURS

ARDEX FG8 is available in a range of colours.

SHELF LIFE

ARDEX FG8 has a shelf life of not less than 12 months for 20kg and not less than 24 months for 1.5kg and 5kg, when stored in the original, unopened packaging, in a dry place at 23°C and 50% relative humidity.

Pay attention to the following:

Do not use ARDEX FG8 for chemical resistant joints, use ARDEX epoxy grouts.

The likelihood of colour shade and efflorescence are reduced, however certain site conditions, finishing techniques and uneven drying conditions may cause this to persist.

Certain types of tile may be prone to surface discoloration, e.g. some moisture sensitive natural stones or tiles with absorbent or textured surfaces. Porous face tiles e.g. terracotta, should be sealed prior to grouting to prevent staining.

In swimming pool applications, colours may bleach over time. Use ARDEX FG8 White (200) mixed with diluted ARDEX Grout Booster. Full cure and ready for chemicals after 14 days. For public pools ARDEX epoxy grouts are recommended.

For expansion or movement joints, use ARDEX silicone sealant.

Due to the varying degrees of movement inherent in timber floors, it is recommended that ARDEX FG8 be mixed with diluted ARDEX Grout Booster.

For further material safety data, consult the latest Material Safety Data Sheet.

QUALITY PRODUCT

ARDEX FG8 is manufactured and tested to ARDEX procedures which are maintained in accordance with Quality System Standard ISO 9001.

For further material safety data, consult the latest Material Safety Data Sheet.

SAFETY PRECAUTIONS

This product is considered non hazardous in normal usage. The presence of cement in the product gives an alkaline mortar which may cause some irritation if prolonged contact with skin takes place. Avoid contact with skin and eyes; in case of contact with the eyes, rinse immediately with plenty of water and seek medical advice; wear suitable gloves and eye protection and keep the product out of the reach of children. Avoid generation of airborne dust during mixing. If swallowed do not induce vomiting, give a glass of water and contact a doctor.

TECHNICAL DATA

Colour: Various
Mixing Ratio: Approx.4.2 litres water per 20kg powder

Application Properties at 23°C and 50% RH

Pot life: 1 hour
Drying time: 24 hours

Underfloor heating: Yes
Application temperature: 5°C or above

Mechanical Properties AS 4992

Compression Strength 14 days: >20 MPa
Flexural strength, 28days: >7 MPa

Classification: CG1

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