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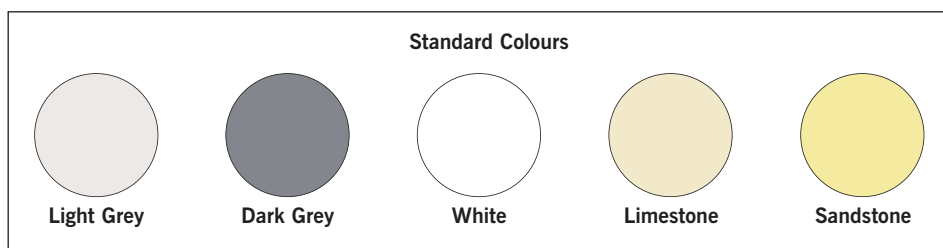
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(SUPERSEDES NOVEMBER 2005)  
PRODUCT DATA SHEET

# ARDEX MG

## Rapid Drying Marble and Natural Stone Tile Grout

### Features

- ARDEX RAPIDRY FORMULA Technology binds the mix water within the grout, virtually eliminating the risk of water staining around the tile edges
- Walkable after 1½ hours
- For tile joints up to 8mm wide
- Easy to apply and clean off
- For use on floors and walls
- For internal applications including heated sub-floors
- Available in White, Light Grey, Dark Grey, Limestone and Sandstone



Due to printing process, colours can only be approximate



What is the Rapidry Formula?

It is the ability of the mortar to totally bind the water used for mixing, virtually eliminating the risk of water staining.



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# ARDEX MG

## Rapid Drying Marble and Natural Stone Tile Grout

### DESCRIPTION

ARDEX MG is suitable for grouting moisture-sensitive natural stone or marble wall or floor tile joints up to 8mm wide. The BS EN 13888 classification for ARDEX MG is CG2WA, an "improved cementitious grout with additional characteristics of reduced water absorption and high abrasion resistance".

The ARDEX MG powder, when mixed with water, produces a soft, creamy, easily worked mortar with good filling properties, enabling deep joints to be filled in one operation. The surface of the hardened grout has a textured finish and is not impervious.

### USE

Suitable for use with wall and floor tiling in dry and intermittently wet internal locations.

### PREPARATION

Ensure tiles are firmly fixed and joints are clean, free of dust, excess adhesive and bedding mortar, etc.

### MIX PROPORTIONS

The mixing proportions by volume are approximately:-  
1 part water : 2½ parts ARDEX MG powder.  
11kg of ARDEX MG requires approximately 3.4 litres of clean water.

### MIXING

To the required amount of clean water in a clean container, add the powder whilst stirring thoroughly until a creamy, slump free, easily worked mortar is obtained. The mixed grout has a working time of 30 minutes at 20°C. Higher temperatures shorten the working time.

**NOTE:** Some ceramic, vitrified, porcelain and natural stone tiles, or tiles with textured, matt glazed or porous surfaces, may be susceptible to surface discolouration during grouting.

A trial application should be carried out to ascertain if discolouration is likely. Where necessary, particularly when using intense grout colours, apply a protective treatment to the tile face to ensure the grout is not retained in the surface porosity/texture of the tile.

Guidance on the application of coloured grouts can be found in clause 7.3.4 of BS 5385: Part 1: 2009. If in any doubt, please contact the tile manufacturer or distributor for information and advice.

Where acid based cleaning products are to be used on the hardened grout, we recommend that the product is first tested on the wetted grout before application, to ascertain the resistance of the colour/grout.

Thorough rinsing off is required to remove any residues of the acidic cleaner to prevent discolouration/damage to the grouted joint.

### APPLICATION

Using a rubber squeegee or rubber backed trowel, work the mixed grout thoroughly into the joints ensuring they are completely filled. Excess grout should be removed as work proceeds, any residues left on the tile face can be removed by wiping off with a damp sponge between 15 and 30 minutes after application. The use of a fine mist from a suitable spray bottle will help in emulsifying the grout residues on the tile surface. Apply at temperatures above 5°C.

### PACKAGING

ARDEX MG is packed in paper sacks incorporating a polyethylene liner - net weight 11kg.

### STORAGE AND SHELF LIFE

ARDEX MG must be stored in unopened packaging, clear of the ground in cool dry conditions and be protected from excessive draught.

If stored correctly, as detailed above, the shelf life of this product is 12 months from the date shown on the packaging.

### PRECAUTIONS

ARDEX MG is considered non-hazardous in normal usage. The presence of cement in the product gives an alkaline mortar, which may cause some local irritation if prolonged contact with the skin takes place. Care should be taken to avoid inhalation or ingestion of dust and prevent contact with the eyes.

**NOTE:** For further information, consult the relevant health and safety datasheet.

### COVERAGE

This will depend upon the natural stone size, joint width and depth and the Grout Coverage Figure, which for ARDEX MG is 1.45.

Use the following to estimate the approximate grout requirements for square or rectangular tiles:-

Stage (all measurements in mm).

1. ADD length and breadth of natural stone together.
2. MULTIPLY result by joint width.
3. MULTIPLY result by joint depth.
4. MULTIPLY result by Grout Coverage Figure (i.e. for ARDEX MG, 1.45).
5. DIVIDE result by length of natural stone.
6. DIVIDE result by breadth of natural stone.

The result is the material requirement in kg per square metre.

Quick and easy grout coverage can be calculated using ARDEX cement and epoxy based grout calculator online at:

[www.ardex.co.uk/calculator.asp](http://www.ardex.co.uk/calculator.asp)

### Summary

Material required is:-  
$$\frac{(\text{length} + \text{breadth}) \times \text{width} \times \text{depth}}{\text{length} \times \text{breadth}} \times 1.45 = \text{kg/m}^2$$

### TECHNICAL DATA

Bulk density of powder:	approximately 1.3kg/ltr
Weight of fresh mortar:	approximately 1.9kg/ltr
Working time (20°C):	approximately ½ hour
Walkability (20°C):	after approximately 1½ hrs

### Ball Pressure Hardness:

After 1 day	approximately 40 N/mm <sup>2</sup>
After 3 days	approximately 60 N/mm <sup>2</sup>
After 7 days	approximately 70 N/mm <sup>2</sup>
After 28 days	approximately 80 N/mm <sup>2</sup>

**NOTE:** The information supplied in our literature or given by our employees is based upon extensive experience and, together with that supplied by our agents or distributors, 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.

### TECHNICAL ADVICE HELPLINE

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ARDEX online: [www.ardex.co.uk](http://www.ardex.co.uk)