

4 INTO 1 WALL & FLOOR TILE GROUT

Cement-Based Wall & Floor Tile Grout

- **Rapid setting**
- **Anti-bacterial**
- **1mm to 12mm joints**
- **Ideal for ceramic, porcelain and natural stone tiles**
- **Suitable for heated floors**
- **Flexible and water resistant**
- **BS EN 13888 CG2**



Norcros 4 into 1 Wall & Floor Tile Grout is a fine textured, polymer modified, anti-bacterial, rapid setting wall & floor tile grout for use in joints from 1 to 12mm. It is designed for use with all types of wall and floor tiles including natural stone, particularly where a narrow, fine textured joint is required. The product contains unique Rock-Tite™ polymeric binders giving it enhanced flexural strength and making it suitable to cope with areas where limited movement and vibration may be encountered such as heated floors and plywood overlaid timber floors. When fixing onto single layers of timber Norcross Adi Flex Grout Additive should be incorporated into the mix at a 1:1 dilution with water.

The product contains Norcross Stop Mould Anti Bacterial Fortification to protect against the build up of mould and the discolouration of grouting typically found in areas where frequent wetting, high humidity and condensation may prevail.

Norcros 4 into 1 Wall & Floor Tile Grout can be used in both internal and external conditions and in fully immersed situations such as pools. It is water resistant but not impervious to the passage of water. In situations where the background needs to be protected against water ingress the use of Norcross Wet Seal Tanking Membrane should be considered. Where an impervious grout joint is required Norcross Super Epoxy should be used.

Conforms to classification BS EN 13888 CG2

Internal	Yes
External	Yes
Walls	Yes
Floors	Yes
Flexible	Yes
Total Immersion	Yes Hard water areas only
Domestic Showers	Yes
Commercial/Power Showers	Yes
Fine Texture	Yes
Mould Resistant	Yes
Hygiene/Sterile Areas	No

EN Classification	BS EN 13888 CG2
Working Time @ 20°C	Approx. 30 minutes
Set Time @ 20°C	Approx. 5 hours
Joint Width	1mm to 12mm
Specific Gravity	1.65
Coverage	1kg will fill joints of approximately 1.33m ² of 100mm x 100mm x 8mm tiles with 3mm wide joints or 2.5m ² of 300mm x 300mm x 8mm tiles with 5mm spacing

(Width + Length) x Joint Width x Tile Depth x Specific Gravity	= kg/m ²
Width x Length	

i.e. The calculation for a 150mm x 150mm tile, 6mm thick with a 3mm joint width is:

(400 + 400) x 5 x 8 x 1.65	= 52800	= 0.33kg/m ²
400 x 400	= 160,000	



SURFACE PREPARATION

Prior to grouting, the tile adhesive should be dry and the open grout joints clean, dry and free of adhesive residues. Porous or textured tiles may require sealing before grouting with a suitable preparatory sealer. If in doubt trial an inconspicuous area to check for staining before commencing.

MIXING

Into a clean pail add 1 part of cold water and gradually introduce approximately 5 parts of grout powder. Stir continuously until a smooth, lump free blend is achieved**. At 20°C the mixed grout will have a pot life of around 30 minutes, and a set time of approximately 5 hours. No further water should be added after the initial mixing.

**N.B. If using an electric drill mixer, blend at slow speed, i.e. under 300 r.p.m

APPLICATION

Using a soft rubber grout float, apply the grout with diagonal sweeping movements to the grout joints, taking care to fully compress the grout into the full depth of the joints. Work in manageable areas and clean off any residues when the grout has begun to firm up in the joints, but before it sets on the tile face. Cleaning with a damp and not overly wet fine textured foam sponge will provide the best results. Changing the cleaning water as it becomes contaminated will also aid cleaning. When the grout has set, after approximately 5 hours at 20°C, any remaining grout film can be polished off the surface with a clean damp cloth.

N.B. Do not over wet the grout as this will result in a weakened grout joint and can also cause efflorescence, a white soluble salt, to form on the surface of the finished grout joint

COLOURS



Matching silicone colours are available. Every care has been taken to ensure true colour representation though printing limitations can cause colour variation. You can order samples of any of the Norcros grouts by calling + 44 (0) 1782 524140.

STORAGE

Store in dry interior conditions away from direct sunlight between 5°C and 30°C. The product has a shelf life of 12 months from date of manufacture.

Norcros 4 into 1 Wall & Floor Tile Grout is a cement-based grout and whilst resistant to efflorescence, if exposed to excessive water/moisture before curing, may still be susceptible to the formation of efflorescence/soluble salts. These salts may be removed once the grout has fully dried and cured by frequent washing with clean water or a suitable efflorescence cleaner.

TECHNICAL ADVICE

For advice on tile installation products call Norcros Technical Helpline on 01782 524140.

Further information may also be obtained from the Norcros 'How to' sheets available on the website.

HEALTH & SAFETY



CONTAINS
CHROMIUM VI
DANGER

Causes skin irritation. Harmful if swallowed. Causes serious eye damage. May cause respiratory irritation. Keep out of reach of children. Avoid breathing dust. Wear protective gloves and eye protection. Wash hands thoroughly after handling. IF SKIN IRRITATION OCCURS: Get medical advice/attention. IF SWALLOWED: Call a poison centre or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison centre or doctor/physician. Dispose of contents/container in accordance with local/regional regulations.

BS EN 13888 CG2

Improved cementitious grout for internal and external wall tile finishes