Norcros Floor & Wall Tile Grout is a water resistant tiling grout for use in joint widths of 2mm to 12mm in ceramic, stone, porcelain and mosaics on both walls and floors. The grout is easy to use needing only the addition of water for use but can be improved for surfaces subject to vibration and where reduced water permeability is required with Norcros Adi Flex.

Norcros Floor & Wall Tile Grout can be used in both internal and external conditions and in fully immersed conditions 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 Norcros Wet Seal Tanking Kit should be considered. Where an impervious grout joint is required Norcros Super Epoxy Grout should be used.

Conforms to classification BS EN 13888 CG1

**Internal**  Yes  **EN Classification**  BS EN 13888 CG1
**External**  Yes  **Working Time @ 20°C**  Approx. 2 hours
**Walls**  Yes  **Set Time @ 20°C**  Approx. 24 hours
**Floors**  Yes  **Joint Width**  2mm to 12mm
**Flexible**  No  **Specific Gravity**  1.8
**Total Immersion**  No  **Coverage**  1kg will fill joints of approximately 0.66m² of 100mm x 100mm x 8mm tiles with 5mm wide joints or 2.5m² of 330mm x 330mm x 9mm tiles with 4mm spacing
**Domestic Showers**  Yes  
**Commercial/Power Showers**  No

**Fine Texture**  No  
**Mould Resistant**  No

**Hygiene/Sterile Areas**  No

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### Coverage Calculation

(Width + Length) x Joint Width x Tile Depth x Specific Gravity

\[
\text{Coverage} = \frac{(\text{Width} + \text{Length}) \times \text{Joint Width} \times \text{Tile Depth} \times \text{Specific Gravity}}{\text{Width} \times \text{Length}}
\]

### Example Calculation

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

\[
(300 + 300) \times 9 \times 10 \times 1.8 = 97200
\]

\[
300 \times 300 = 90000
\]

\[
\text{Coverage} = \frac{97200}{90000} = 1.08\text{kg/m}^2
\]
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 impregnating 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 4 to 5 parts of grout powder. Stir continuously until a smooth, lump free blend is achieved**. When using Norcros Adi Flex, substitute the water with a mix of 2 parts Adi Flex to 1 part water before adding the grouting powder. At 20°C the mixed grout will have a long pot life of around 2 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 material 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, this is particularly important when the grout has been modified with Norcros Adi Flex, and clean off any residues when the grout has begun to firm up in the joints but not before it sets on the tile face. Cleaning with a damp and not overly wet clean foam rubber sponge will provide best results. Changing the cleaning water as it becomes contaminated with grout residues will also aid cleaning. When the grout has set, 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 Floor & Wall Tile Grout is a cement-based grout and as with all cement containing products the surface may 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 CG1
Normal cementitious grout