

TILE GROUT STANDARD (810)



PRODUCT DESCRIPTION

ADX Tile Grout (810) is a high-performance polymer modified cementitious grout with very fine finish texture. **ADX Tile Grout (810)** is compliance with EN 13888 with high strength, water repellency and abrasion resistance. Ideal for grouting of interior and exterior floor and wall tiling.

FEATURE & BENEFITS

- CG2A according to EN 13888
- Excellent adhesion
- Excellent durability
- Excellent workability
- Water resistant
- No latex additives required

TECHNICAL DATA (typical values)

Appearance	Grey powder
Binder	Cement
Filler	Calcium carbonate powder
Auxiliaries	Additives and specialized polymers
Water Powder Ratio	0.24 – 0.26
Wet Density	1600 – 1700 kg/m ³
Dry Density	1200 – 1300 kg/m ³
Waiting time for grouting after tiling	24 hours
Waiting time before finishing operation	10 – 20 minutes
Open for light traffic	24 hours
Pot Life	~ 2 hours
Application Thickness	Up to 4mm joint
Coverage	
Tile Size	300mm x 300mm
Joint Width / Coverage	3mm / 83 m ²
Tile Size	600mm x 600mm
Joint Width / Coverage	4mm / 83 m ²
Packaging	20kg; 100bags/pallet

JOINT PREPARATION

1. Ensure tile laying is completed for minimum 24 hours.
2. Joints to be grouted must be clean and free from dust, oil and empty down at least 2/3 of the thickness of the tiles.
3. Removed tile adhesive that has seeped into the joint during tile laying whilst still fresh.
4. Damp the joints with clean water before application when grouting under high temperatures.

MIXING

1. Mix **ADX Tile Grout (810)** with approximately 5L of clean water.
2. Mix thoroughly with an electrical mixer for 3-5 minutes in low speed to achieve lump-free homogeneous mortar paste.
3. Allow maturity time of 3-5 minutes then remix material for 1 minute before application.

APPLICATION

1. Fill joints fully with **ADX Tile Grout (810)** with trowel or rubber squeegee.
2. Remove excess **ADX Tile Grout (810)** by moving trowel or squeegee diagonally across the joint while the grout is still fresh.
3. Clean the residual **ADX Tile Grout (810)** approximately 10 to 20 minutes after application with a damped sponge in diagonal direction. Rinse the sponge frequently with clean water.
4. If cleaning operation is carried out when grout is still runny, too much mix might be removed from the joints.
5. Mechanical tool maybe required if cleaning is done after grout is set which may cause scratching on the tile surface.

RECOMMENDATIONS

- Do not add foreign material including cement into the mix.
- Do not add water and remix once the mix started to set.
- Light pedestrian traffic is allowed 24 hours after completion of grouting.
- Heavy pedestrian traffic is only permitted 7 days after completion of grouting.
- Unsightly salts deposit may occur on the surface if too much water is added to the mix or residual humidity in the adhesive or mortar which have not completely hydrated, or in substrates which have not dried sufficiently or which are not adequately protected against rising damp.
- Do not fill expansion and movement joints with **ADX Tile Grout (810)**.
- For tiles with micro-porosity or rough surface, preliminary test should be carried out to ensure surface can be cleaned easily else protective treatment may be required.
- At all times, floor and wall tiles should be kept clean and free from all materials likely to cause stain, e.g. oil, grease, paint.
- Appropriate types of sheets/boards should be laid loosely over the floor for protection.
- Access to the completed work should be restricted during the curing period.

PRODUCT LIMITATIONS

Do not use **ADX Tile Grout (810)** on joints wider than 4mm and surface need to be opened to light foot traffic rapidly.

STORAGE

ADX Tile Grout (810) should be stored in dry area free from excessive moisture.

SHELF LIFE

6 months in original, unopened and undamaged sealed bags; kept off the ground in a cool, dry weatherproof environment.

HEALTH & SAFETY

ADX Tile Grout (810) is non-hazardous. However, it is recommended that appropriate safety equipment be worn when handling the product, including dust mask, rubber gloves, full eye protection and safety boots where necessary. In case of contact with eyes, wash with plenty of water. If irritation persists, seek immediate medical attention. Safety Data Sheet is available upon request.

IMPORTANT NOTICE

The information provided here is based on our experience and is given to the best of our knowledge and it is non-binding. User is responsible in ensuring that the product is suitable for the purpose of the application. ADX is not liable for the use performance of the product or whatsoever arising from the use of the product unless specifically agreed in writing as we have no control on the treatment of the product and surface condition of the substrate. Edition ADX2508. This edition will become invalid when a new version is published.