

**World-Class DryMix Mortars  
for Quality Constructions**



ISO 9001:2015 Certified



Ready Mix Mortar



Block Joint Mortar



Wall Putty



Tile Laying Mortar



Ready Mix Tile Mortar - HS White



Ready Mix Tile Mortar - HS Grey



Ready Mix Tile Grout



Ready Mix Tile Grout

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“ TRANSFORMING  
MATERIALS  
INTO VALUE. ”

# About **QwikMIX**

Qwikmix products are factory made quality controlled mixtures of sand, binders and additives which can be used at the site by just adding water. Qwikmix mortars typically contain special additives which lower the mortar density and also helps to significantly improve the application properties. Qwikmix mortars can provide better yield and thus better coverage compared to a standard site mix mortar, meaning material consumption will be less as compared to a standard site mix mortar.

The three key aspects of Qwikmix are Quality, Efficiency and Sustainability.

**Quality** - The quality and consistency of the Qwikmix mortars which helps ensure trouble free installation and excellent finishes, contributing to improved living quality. Qwikmix mortars are manufactured in plant which are automated good process control. This helps ensure proper weighing and charging of various raw materials and additives and enables homogeneous mixing. Typically, quality control is done for every batch of dry mortar produced, meaning the quality and consistency of the Qwikmix mortar can be guaranteed and customers can expect to receive the same quality every time.

**Efficiency** - The second aspect is the efficiency of the Qwikmix mortars which enable optimum usage of the material supporting very high productivity levels: which in turn will save time and therefore cost. One of the most important drivers for the growth of Qwikmix mortar was its very high efficiency. Using Qwikmix mortar enables the use of machines for application which can result in huge time savings and more efficient use of material: this in turn supports very high productivity and therefore time and cost savings.

**Sustainability** - The third aspect is the extended durability can enable long term performance and low maintenance which is a major consideration for more sustainable buildings. This can also have a huge positive impact on cost savings. Qwikmix products can be designed to meet various end-use requirements such as different climatic conditions, temperature variations, different substrates etc. and can therefore be designed to survive different weather conditions.

“ Dry mix mortars can provide better yield and thus better coverage compared to a standard site mix mortar. ”





Wall Putty



Tile Adhesive

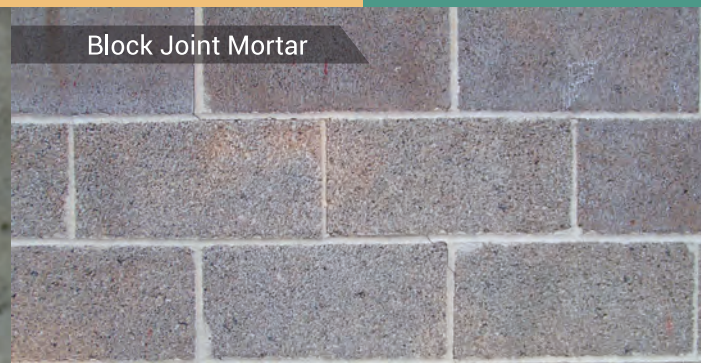
Qwikmix products are innovative and bring intelligent solutions to construction sites:

1. Improved quality and consistency.
2. Less storage space.
3. Ease of handling – just add water.
4. Very low wastage of material at the site.
5. Low dust formation.

6. Ease of application.
7. Helps ensure application safety and reliability.
8. Less consumption of cement due to thinner layers.
9. Optimum use of material.
10. Reduction in construction cost and time.



Ready Mix Mortar



Block Joint Mortar



Tile Grout

# Qwikmix Ready Mix Mortar

Qwikmix Ready Mix Mortar Cement-based and semi-coarse premixed plaster for plastering of brick works, block works and concrete walls, patching and other general uses.

## Features and Benefits

Qwikmix Wall Plaster is a high quality premixed plaster for plastering on brick works, lightweight concrete block works and concrete surfaces. It is a cement-based and plaster which can be used in interior and exterior conditions. It is specially formulated for the replacement of conventional site-mixed cement/sand plaster as well as gypsum plaster. Wall Plaster can also be used for patching concrete as well as a masonry joint mortar for bed thickness of 4-10mm Wall Plaster should not be used on painted surfaces.

## Procedure

Ensure surface is clean and sound. Remove loose particle, grease and traces of foreign materials that may affect adhesion. Where necessary, especially on hot and high absorbent surface, dampen application of the plaster. Finished surface should be used for 4-5 days. Mix product with the required amount clean water. Mix thoroughly with a homogeneous. Application is done manually with steel trowel. No further addition of water is allowed to unused plaster that has exceeded its pot life of has begun to set.

## Storage and Packing

Wall Plaster is delivered in 40 Kg bags. Storage life is 6 months if product is kept in sheltered and dry place.

“ Qwikmix Ready Mix Mortar is specially formulated for the replacement of conventional site-mixed cement/sand plaster as well as gypsum plaster. ”



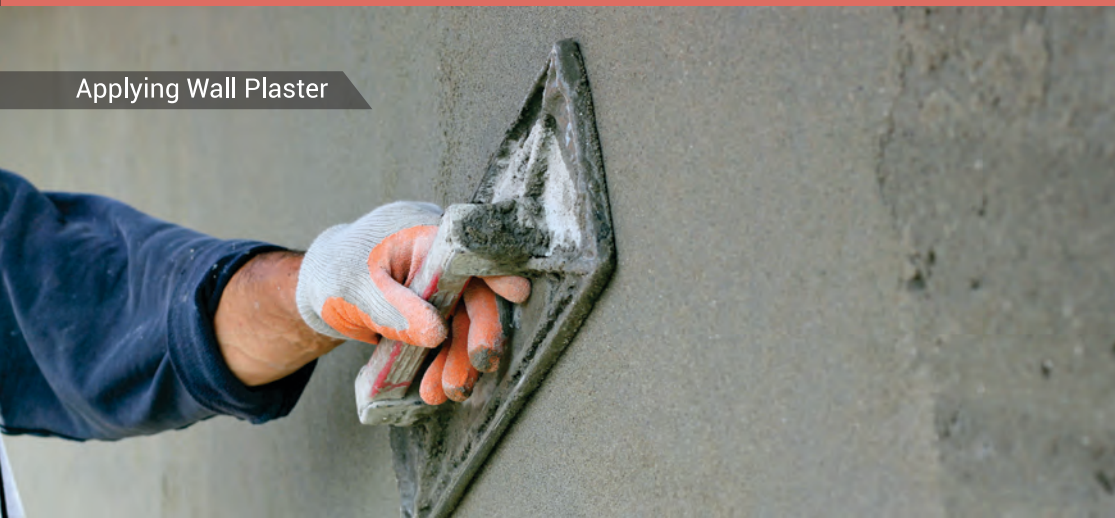
## Technical Data and Physical Properties

Colour	Grey
Density	1.8 Kg/Litre (dry) 1.9 Kg/Litre (Wet)
Adhesion	to concrete >0.75 N/mm2*
Coverage	20 - 25 sft/40 kg bag at 10mm
Compressive strength	≥ 20 MPa after 28 days
Curing time	5 - 6 days
Consumption	Approx. 1.6 Kg/m2/mm thick
Water demand	Approx. 18% or 7.2 liters/40 kg bag
Pot Life	Approx 120 minutes



Wall Plaster Finish

Applying Wall Plaster



### Note :

Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this technical data sheet is for general guidance only. MAHI DRYMIX PRODUCTS PRIVATE LIMITED the rights to amend the contents of the dat sheet at its sole direction.

# Qwikmix™ Block Joint Mortar

Qwikmix Block Joint Mortar is a Cement based mortar designed for laying aerated light weight concrete blocks, Fly Ash Bricks and Cement Blocks

## Features and Benefits

Qwikmix Block Joint Mortar is a mortar for quick and secure laying of aerated light weight concrete block, Fly Ash Bricks, Cement Blocks and panels. For thin - bed laying with increased productivity and resistance against water penetration. It is specially formulated to give good workability, adhesion and water retentivity to facilitate optimum strength development.

## Application Procedure

Mix product with the required amount clean water. Mix thoroughly with a mechanical mixer or manually until mixture is homogeneous. Allow mixture to stand for 10 minutes for the additives to dissolve. Mix again and the plaster is ready for use.

Using Qwikmix Mortar, vertical joints are to be filled with Qwikmix joint adhesive. Apply Qwikmix joint Mortar on the top side of the first course and next combined with a notched trowel. Place block onto mortar surface and press firmly to adjust blocks to their final position.

The blocks to be water cured before the block joint Mortar.

For the vertical joint, it is recommended to apply the mortar onto the vertical side prior to laying. To ensure good adhesion, it is important that the blocks are pressed firmly against the mortar bed.

No further addition of water is allowed to unused mortar that has exceeded its pot life or had begun to set.

## Storage and Packing

Block Joint Mortar is delivered in 40 kg bags. Storage life is 6 months if product is kept in sheltered and dry place.

“ Qwikmix Block Joint Mortar specially formulated to give good workability, adhesion and water retentivity to facilitate optimum strength development. ”



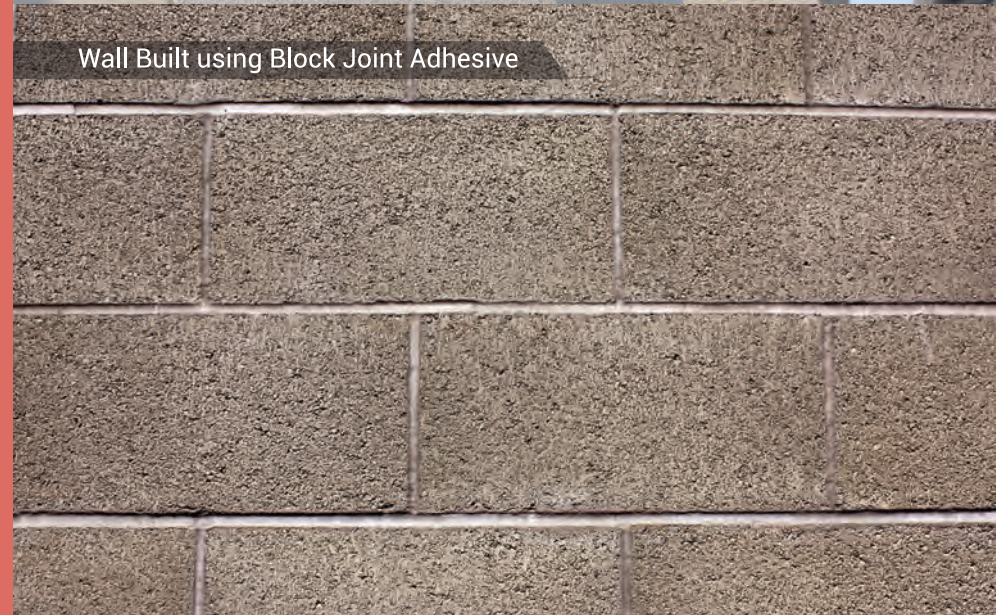
## Technical Data and Physical Properties

Form	Dry Powder
Water demand	Approx. 23% or 9.2 Litres/40 Kg Bag
Pot life	Approx 60 min
Bed thickness	Approx 3 mm
Coverage	Approx 120-140 sft/40 kg bag at 3 to 4 mm thickness
Adjusting time	4-5 minutes
Tensile Adhesion Strenght	0.60(MV) MPa as per ASTM 4541 on Concrete Block after 28 days. 0.55(MV) MPa as per ASTM 4541 on AAC Block after 28 days
Compressive Strength	> 4N/mm <sup>2</sup> as per IS 4031 Part 6 after 7 Days
Flexural Strength	5.5 N/mm <sup>2</sup> as per ASTM 580 after 3 days
Self curing	No additional curing is required

Using Block Joint Mortar



Wall Built using Block Joint Adhesive



Note : Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this technical data sheet is for general guidance only. MAHI DRYMIX PRODUCTS PRIVATE LIMITED the rights to amend the contents of the dat sheet at its sole direction.

# Qwikmix™ Wall Putty

Qwikmix Wall Putty is a white cement based putty, ideal for use on internal/external walls and Ceilings.

It fills the fine pores of mortar/concrete walls and ceilings and provides a white, smooth and dry surface essential for painting. It gives excellent adhesive strength, durability and enhances the life of paints.

## Features & Benefits

- It can be applied on both Interior and Exterior surfaces.
- It does not require any curing.
- It can be used on new as well as old walls/ceilings.
- It will give a smooth and glossy finish.
- Any kind of Paint or Distemper can be applied on it.

- It prevents the growth of algae and fungi on walls.
- Qwikmix Wall Putty is water and UV resistant.

## Mixing Method

- Take water in bucket and gradually add Qwikmix Wall Putty in it. Mix the product with water in the ratio of approximately 1:4.
- Mixing can be done manually or by stirrer.
- Mixing to be done till homogenous lump-free paste is obtained.
- After mixing leave the paste for 5-10

minutes for polymeric dispersion before application.

- The paste should be kept away from direct sunlight, heat and used within 120 minutes of preparation (after mixing with water).
- Re-mix the paste again before application.

## Shelf Life

- Qwikmix Wall Putty can be safely stored up to 6 months.
- Keep in a dry place above the ground level and well covered.

“ Qwikmix Wall Putty covers the undulation on walls and ceilings and provides a white, smooth and dry surface essential for painting. ”

## Technical Data and Physical Properties

Colour	White
Form	Dry Powder
Mix Proportion	30 - 40% By Weight
Pot Life	120 mins
Bulk Density	1150 kg / CuM
Coverage	500Sft/520 Kg area considering 2mm thickness
Compressive Strength, 28 day	8.00 - 11.00N/mm <sup>2</sup>
Adhesion Strength, 28 day	0.90 - 1.00N/nm <sup>2</sup>

## Preparation of Qwikmix Wall Putty

- Surface should be clean and free from dust, oil, grease, curing agent, paints, which may affect the adhesion.
- Remove all the loosely adhered material from the wall surface with the help of emery stone or wire brush and clean water.
- Properly cure the dry surface with the sufficient quantity of clean water before application of putty.

## Application of Qwikmix Wall Putty

- Apply the first coat of Qwikmix Wall Putty on already moistened wall surface from bottom to upward direction with the help of putty trowel.
- Allow the first coat of putty to dry for atleast for 3 hours before application of second coat of putty. Apply the second coat of putty from bottom to upward direction.
- Allow the second coat to dry completely for 12 hours. The total thickness of coat should not exceed more than 2 mm.
- Rub the surface very gently with very fine emery paper before application of paint.

Wall Putty mix



Closing pores using Wall Putty mix



### Useful Tips

- Qwikmix Wall Putty should be stored in a dry place. Keep out of reach of the children. Avoid inhalation of dust.
- In case of contact with eyes, rinse eyes with plenty of water and consult a doctor immediately.





# Tile Laying Mortar

Qwikmix Tile Laying Mortar is a polymer modified ready mix cement-based dry-set adhesive for thin-bed Floor and wall tiling.

## Features and Benefits

Qwikmix is a high quality specially blended dry-set adhesive for thin-bed wall and floor tiling. It is cement-based, water resistant and can be used in interior and exterior conditions.

Ideal for installation of marble, granite, ceramic and homogeneous tiles for walls and floors. Suitable substrates are concrete, lightweight concrete blockworks, water resistant plasters & screeds in dry and damp conditions. It can be used for tiling in swimming pools as well as for tiling onto tiled surfaces.

“ Qwikmix is a high quality specially blended dry-set adhesive for thin-bed wall and floor tiling. ”

## Technical Data and Physical Properties

Colour	Grey
Water demand	Approx. 25%
Density	Approx. 1.5 g/cc
Consumption	1.2 Kg/m <sup>2</sup> /mm
Self Curing	No additional curing is required
Pot life	Approx 45 minutes
Bed Thickness	3 - 4 mm
Time for traffic	Grout after 12 hours, light foot traffic after 24 hours (Depending on site condition)
Coverage	45 - 55sft/20kg Bag
Tensile Adhesion	>886 N/mm <sup>2</sup> after 28 days

## Procedure:

- Ensure surface is clean, sound and level. Remove loose particles, grease and traces of foreign materials that may affect adhesion.
- Mix products with the required amount of clean water. Mix thoroughly with a mechanical mixer until mixture is homogeneous.
- Allow mixture to settle for 10 minutes for the additives to dissolve. Mix again and the adhesive is ready to use.
- Apply the adhesive by pressing it firmly against the surface with a trowel.
- Spread the adhesive with the notched edge of trowel over an area that can be tiled within about 10 minutes.
- The tiles should be firmly pressed onto the sub-base and immediately knocked into position.
- To check the tiling works at the beginning of tiling, remove a tile and check the adhesive coverage on the back of tile.
- Care should be taken that the tiles are fixed in such a way that the whole backside is covered with fresh mortar.
- For big tiles and tiles with high ridges, applying mortar onto the surface and back buttering the backside of tiles is recommended for best results.
- Adjustment of tiles is possible within 15 minutes after installation. Gaps for tile joints should be provided depending on the size of tiles used.



## Tips:

- Ensure that the adhesive do not fill more than half the depth of the tile joints.
- Do not soak tiles prior to tiling.
- No further addition of water is allowed to unused adhesive that has exceeded its pot life or has begun to set.

## Storage & Packing:

- Qwikmix is delivered in 20kg bags. Storage life is 6 months if product is kept in sheltered and dry place.



# Tile Mortar-HS

Qwikmix Tile Mortar High Strength is a high quality specially blended polymer modified dry-set adhesive is best for thin bed wall tiling and tile on tile application.

## Features and Benefits

Ideal for installation of marble, granite, ceramic and homogeneous tiles for walls and floors. Suitable substrates are concrete, lightweight concrete block works, water resistant & screeds in dry and damp conditions. It can be used in swimming pools as well as for tiling onto tiled surfaces.

“ Ideal for installation of marble, granite, ceramic and homogeneous tiles for walls and floors. ”

### Technical Data and Physical Properties

Colour	Grey / White
Water demand	Approx. 25%
Density	Approx. 1.5 g/cc
Consumption	1.2 Kg/m <sup>2</sup> /mm
Pot life	Approx 45 minutes
Bed Thickness	4 mm
Time for traffic	Grout after 12 hours, light foot traffic after 24 hours (Depending on site condition)
Coverage	60 - 70sft/20kg Bag
Tensile Adhesion	976 N/mm <sup>2</sup> (28 days air)



## Procedure:

- Ensure surface is clean, sound and level. Remove loose particles, grease and traces of foreign materials that may affect adhesion.
- Mix products with the required amount of clean water. Mix thoroughly with a mechanical mixer until mixture is homogeneous.
- Allow mixture to settle for 10 minutes for the additives to dissolve. Mix again and the mortar is ready to use.
- Apply the adhesive by pressing it firmly against the substrate with a trowel.
- Spread the adhesive with the notched edge of trowel over an area that can be tiled within about 10 minutes.

- The tiles should be firmly pressed onto the sub-base and immediately knocked into position.
- To check the tiling works at the beginning of tiling, remove a tile and check the adhesive coverage on the back of tile.
- Care should be taken that the tiles are fixed in such a way that the whole backside is covered with fresh adhesive.
- For big tiles and tiles with high ridges, applying adhesive onto the surface and back buttering the backside of tiles is recommended for best results.
- Adjustment of tiles is possible within 15 minutes after installation. Gaps for tile joints should be provided depending on the size of tiles used.



Fixing Tiles using Tile Mortar



Tile art made using Tile Mortar

## Tips:

- Ensure that the adhesive do not fill more than half the depth of the tile joints.
- Tiling should not be done under extremely hot, windy and rainy conditions to avoid adverse effect on adhesion.
- Do not soak tiles prior to tiling.
- No further addition of water is allowed to unused adhesive that has exceeded its pot life or has begun to set.

## Storage & Packing:

- Qwikmix is delivered in 20kg bags. Storage life us 6 months if product is kept in sheltered and dry place.

# Qwikmix™ Tile Grout

Qwikmix Tile Grout is a Cement-based grout for wall and floor tiling works in interior and exterior.

## Features and Benefits

Use for grouting tiles on walls and floors with joint width 2 to 10mm. For grouting light-colored, unglazed tiles and light, dull-glazed tiles, use only white or grey Qwikmix Tile Grout to avoid staining.

When in doubt using coloured grouts, make trail to check ease of cleaning before application.

## Technical Data and Physical Properties

Colour	Grey / White / Coloured
Binder	Ordinary Portland Cement
Filler	Graded limestone powder
Additives	Water soluble additives to improve consistency, workability and adhesion strength
Join width	2 - 10mm
Consumption	0.7 to 1.5kg/m <sup>2</sup> (Depending on the size and thickness of the tile and the width of joint)
Water demand	Approx. 27%
Pot life	45 mins
Compressive strength	>10N/mm <sup>2</sup> after 7 days
Flexural strength	>3N/mm <sup>2</sup> after 7 days

Tile finish after using Tile Grout



## Procedure

- Tile grouting can be done 1 to 3 days after tiling. The joints should be clean. Fixing mortar or adhesive should not rise over half the depth of the joints. Excess mortar or adhesive should be removed.
- Mix Tile Grout with the required amount of clean water. Mix thoroughly with a mechanical mixer until mixture is homogeneous.
- Allow the mix to settle for approx. 10 minutes. Mix again and the grout is ready for use.
- To ensure colour uniformity especially when using dark colours, the tiles should be grouted with as dry grout as possible.
- A rubber trowel or a cellular rubber-coated float may be used for applying the grout.
- The grout is applied diagonally over the tiles and pressed firmly into the joints until they are completely filled. Excess grout on tiles should be removed.
- The tools should be cleaned with water immediately after use.
- The grout should be allowed to dry for 15 to 30 minutes depending on temperature and humidity. A damp sponge is then used to clean the tile surface.
- Use as little water as possible for cleaning the joints and the tiles.
- To make cleaning easier, unglazed tiles should be moistened with a damp sponge before grouting.
- Tile surface is left to dry before final wiping with dry cloth. While wiping and polishing, do not rub the joints too hard. In dry conditions, curing may be necessary.

“ Sealing your tile and grout is vital to keeping your home in good health. After Installing new tiles, or any new tile work, thoroughly sealing your grout is recommend to keep a nice protective coating on it. ”

Using Tile Grout to fill the gaps



### Storage and Packing:

Qwikmix Tile Grout is delivered in 1kg & 500gm pouch. Storage life is 12 months if product is stored in sheltered and dry place.

Applying Tile Grout







**QWIKMIX FACTORY**



**STORAGE SILOS**



**ITALIAN PLOUGHSHARE MIXER**



**AUTOMATED NOZZLE PACKING**





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