

Mortar Method/Traditional Method

Tools

- Glass tile nippers (with carbide jaws)
- Level & plumb
- Trowel & small trowel
- Notched trowel
- Beating block
- Wooden ruler
- Scrub brush & sponge
- Water brush
- 20 lts plastic container
- Plastic gloves



Scratch bed

Prepare the mixture with:
4 parts of sand
1 part of cement

- Surface should be made "plumb & true"
- The bed must be rough
- Let dry by 24 hours least



Mortar bed

Soak the scratch bed with water.

Mortar setting bed mix:
5 parts of clear sharp sand
3 parts of hydrated lime
1 part of cement



Float bed

Apply rod and float the mortar setting bed to a uniform plumb and level surface.

Only make the float bed to be covered that day.



Glass tile sheet

Level and plumb for setting the glass tile sheets.



Water proof grout mix

When using color cement do a dry mixture.

Water proof grout mix:
50 kg of white cement
100 lbs colouring
Add the necessary water.



Setting

The sheets shall then be placed in position on the fresh mortar setting bed and be tamped firmly into place true and even with the finished surface line or plane. The separation between sheets should be the same as the one between mosaics.



Wet & remove

Remove the paper as the setting progresses by moistening with a damp sponge or spray bottle.



Level up & correct

Beat in with a wooden block in order to achieve a smooth, flat surface.



Align & grout

Correct the uneven tiles. Dilute the water proof grout mix and grout the joints fully and uniformly using a flat trowel.

Cleaning

Clean of the grout from the tile face, using paper. Use a damp sponge only for the final clean.

The day after, clean the surface with surfamic acid:
1 part of surfamic acid
5 parts of water
(Do not forget using plastic gloves)
Rinse with water.