

SPECIFICATION FOR FIXING ANY TYPES OF TILES ON INTERNAL/EXTERNAL FLOOR

NATURE OF WORK

Fixing ceramic/vitrified tiles on internal/external floor using **ApcoBuild TileCem**

PRODUCTS TO BE USED: --

1. **ApcoBuild TileCem** to be used & mixed only with water as a base coat behind the ceramic/vitrified tiles adopting the mixing proportions and application recommended by the manufacturer. Approximate mixing ratio of **ApcoBuild TileCem** is 3:1

BACKGROUND SUBSTRATE:

Cement sand floor screed. The background substrate should be properly cured adopting normal construction practices and should be sound to accept the weight of natural stones.

BACKGROUND SUBSTRATE PREPARATION:

1. The surface to be tiled should be sound and thoroughly cleaned adopting all possible means
2. The surface should be free from wax, grease, polish, dust etc.

APPLICATION PROCEDURE:

1. Use **ApcoBuild TileCem** for fixing tiles on vertical walls for above-mentioned work specified
2. Mix **ApcoBuild TileCem** with potable water with the help of trowel (karni) in proportion 3:1 until a homogeneous mix is obtained. For bag 25 kg of ApcoBuild TileCem approximately 8 to 9 ltrs of potable water is required
3. To avoid the wastage of the mixed quantity part mixing can be done as and when required as the mixing proportion mentioned earlier
4. At site addition of water shall be adjusted to attain desired consistency considering the atmospheric conditions and site requirements
5. Spread some adhesive paste on to the plastered substrate with to a thickness of approximately 6-mm as per the requirement and comb with a notched trowel
6. In case of undulations in substrate and if required then put some adhesive paste on the back side of the stone leaving no voids uniformly and must be trowled out along with adhesive layer on the tiling substrate
7. Always spread adhesive paste on to the tiling substrate on which the tiles can be fixed with in 10 to 15 mins
8. To adjust the stone thickness & plaster variations the adhesive layer can be laid up to 10-mm thickness maximum. The thickness of the adhesive layer should not be increased more than 10 mm in any case. In such situations the undulations

must be leveled with the help of cement sand mortar with specified mixing proportions

9. Press and slide the tile with a slight twisting action in to the adhesive paste. Do not wet the tile before fixing
10. Intermittently touch the adhesive paste on substrate by finger prior to fixing of tiles. If the adhesive sticks to fingers then continue tiling and if not scrape off all and apply new paste
11. Keep joints between two tiles that will help to accommodate the movements. 2-mm spacers are available with ApcoBuild TileCem bag
12. Allow tiling to set for 24 hours & start filling joints next day with Tile Joint filler
13. Clean the tiles after complete installation using Suitable cleansing agent with the help of dampened sponge over a desired tile area and brush it properly. Clean the tile substrate with plenty of water to get clean & shiny surface.

PRECAUTIONS & LIMITATIONS:

1. The surface to be tiled must be sound and free from all kind of contamination
2. Do not add water in to powder, always ad powder in to water
3. Do not use ApcoBuild Hydrocrete more than the recommendation by the manufacturer
4. Do not fix the tiles on a dried adhesive layer, such material should be removed and a new bed must be provided.

BOQ

Description	Area (sq.ft)	Rate (Rs/sq.ft)	Amount (Rs)
Providing, Laying & fixing new tiles on properly laid cement sand screed of proportion 1:6 cured as per the general practice with the help of ApcoBuild TileCem adopting surface preparation, product mixing, application and tiles fixing as specified by the manufacturer, keeping 2 mm joints between two tiles and filled by Tile joint filler with Polymer after 24 hrs of laying of tiles, followed by cleaning of tiles with Suitable cleansing agent full and complete.			

SPECIFICATION FOR FIXING ANY TYPES OF TILES ON INTERNAL/EXTERNAL FLOOR USING LIQUID TILE ADDITIVE

NATURE OF WORK: --

Fixing ceramic/vitrified tiles on internal/external floor using **ApcoBuild Tileman**

PRODUCTS TO BE USED: --

1. **ApcoBuild Tileman** is a polymer additive to cement for a base coat behind the ceramic/vitrified tiles adopting the mixing proportions and application recommended by the manufacturer

BACKGROUND SUBSTRATE

Cement sand floor screed. The background substrate should be properly cured adopting normal construction practices and should be sound to accept the weight of natural stones.

BACKGROUND SUBSTRATE PREPARATION

1. The surface to be tiled should be sound and thoroughly cleaned adopting all possible means
2. The surface should be free from wax, grease, polish, dust etc.

APPLICATION PROCEDURE

1. Mix 1 Kg **ApcoBuild Tileman** with the help of trowel (karni) mix with 50 Kg bag of OPC in proportion
2. To avoid the wastage of the mixed quantity part mixing can be done as and when required as the mixing proportion mentioned earlier
3. At site addition of water shall be adjusted to attain desired consistency considering the atmospheric conditions and site requirements
4. Spread some adhesive paste on to the plastered substrate with to a thickness of approximately 6-mm as per the requirement and comb with a notched trowel
5. In case of undulations in substrate and if required then put some adhesive paste on the back side of the stone leaving no voids uniformly and must be trawled out along with adhesive layer on the tiling substrate
6. Always spread adhesive paste on to the tiling substrate on which the tiles can be fixed with in 10 to 15 mins
7. To adjust the stone thickness & plaster variations the adhesive layer can be laid up to 10-mm thickness maximum. The thickness of the adhesive layer should not be increased more than 10 mm in any case. In such situations the undulations must be leveled with the help of cement sand mortar with specified mixing proportions
8. Press and slide the tile with a slight twisting action in to the adhesive paste. Do not wet the tile before fixing

9. Intermittently touch the adhesive paste on substrate by finger prior to fixing of tiles. If the adhesive sticks to fingers then continue tiling and if not scrape off all and apply new paste
10. Keep joints between two tiles that will help to accommodate the movements
11. Allow tiling to set for 24 hours & start filling joints next day
12. Clean the tiles after complete installation using Suitable cleansing agent with the help of dampened sponge over a desired tile area and brush it properly. Clean the tile substrate with plenty of water to get clean & shiny surface.

PRECAUTIONS & LIMITATIONS:

1. The surface to be tiled must be sound and free from all kind of contamination
2. Do not add water in to powder, always add powder in to water
3. Do not fix the tiles on a dried adhesive layer, such material should be removed and a new bed must be provided.

BOQ

Description	Area (sq.ft)	Rate (Rs/sq.ft)	Amount (Rs)
Providing, Laying & fixing new tiles on properly laid cement sand screed of proportion 1:6 cured as per the general practice with the help of ApcoBuild Tileman adopting surface preparation, product mixing, application and tiles fixing as specified by the manufacturer, keeping 2 mm joints between two tiles and filled by tile joint filler with Polymer after 24 hrs of laying of tiles, followed by cleaning of tiles with suitable cleansing agent full and complete.			