

Euco Top Mosaic

Composition :

Euco Top Mosaic is a blend of Portland cement, resins and additives for form improvement.

Description:

Euco Top Mosaic is a Mosaic and ceramic tiles adhesive for thin & thick bed fixing on all interior & exterior surface; i.e. it binds both Mosaic and ceramic tiles to sound plaster, cement, other masonry surfaces and surfaces exposed to permanently wet conditions.

Advantages:

- 1- Euco Top Mosaic is not affected by weathering conditions, water, chemicals & heat.
- 2- Economic in use with respect to other kinds of adhesives.
- 3- High adhesive binds strength.
- 4- Maybe used to tile directly onto glazed tile surfaces.
- 5- When used in water tanks and swimming pools add EucoColle to attain waterproofing.

Standards:

BS 5980 Type 1 class AA
BS 5385 Part ANSI 118-1

Application :

- 1- The surface to be tiled should be clean and free from dust. A stiff brush should be used to remove dusty or friable material, remove grease, oil , ..etc. with suitable detergent.
- 2- Mix Euco Top Mosaic by water to form a thick creamy consistency 3 Euco Top Mosaic : 1 water approx.
- 3- Porous surface should be painted by Eucotop 1 Euco Top Mosaic: 1 water.
- 4- The mortar should be left after mixing about 10 min before applying on surface.
- 5- Apply Euco Top Mosaic adhesive mortar to a depth of 3 mm with a notched trowel before fixing tiles immediately.
- 6- Fix tiles by pressing into place, beginning at the bottom in the case of wall tiles, make sure that the back of each tile is not less than 75% in contact with the adhesive with a dam cloth.

Consumption:

Solid bed fixing 3-6 mm depth 4-8 kg/m²
Notched trowel smooth surface 2 kg/m²

Properties:

Shelf life	One year
Appearance	Powder
Specific gravity	$2\pm 0.02 \text{ gm/cm}^3$
Color	Gray
Adhesive strength, Dry storage	Ca.0.9-1.2 N/mm ²
Adhesive strength, Freeze /thaw	Ca.0.5 N/mm ²
Adhesive strength, Wet storage	Ca.0.8 N/mm ²
Deformation	Flexible
Embedding time /skin formation	20 min
Thixotropy /non slip	Very high
Water resistance	Extreme wetness
Packing	Bag 20 kgs.