

ENiTO™

MOSAIC TILE Installation Guide



ENITO products are all quality inspected before packaging and shipping.

No two pieces of natural stone are exactly alike.

The installer assumes all responsibility for final inspection of product quality. This inspection of all tiles should be done before installation. Carefully examine tiles for quality before

installing it. If material is not acceptable, contact the seller immediately. Should an individual piece be doubtful as to grade, manufacture or factory finish, the installer should not use the piece.

This specification covers installation of Mesh mounted ENITO Mosaic tile work in interior and exterior areas.



The following products are recommended for the installation of ENITO Mosaic Tiles

- **For adhesive**, use Mapei Kerabond / Kerabond plus in combination with Isolastic 50 or Keraflex White.
- **For grouting tile**, use Mapei Keracolor FF for interior / exterior, floor and wall applications. Mapei Fugolastic is used as a substitute for water to mix Keracolor FF cementitious grout, to improve the grout compactness, abrasion resistance and reduce porosity and water absorption.
- **For grouting tile, used for swimming pools tile**, Use Mapei Ultra color plus, water-repellent with DropEffect® and anti-mold with BioBlock® technology. Ideal for grouting exterior façades, balconies, terraces, swimming pools, bathrooms and kitchens. Especially suitable for grouting floors of supermarkets, restaurants, airports and public service grounds.
- **For waterproofing** use Mapelastick, two-component flexible cementitious mortar for waterproofing concrete, balconies, terraces, bathrooms and swimming pools.

**Kindly contact your Mapei distributor for advise as products might varies from country to country.

Before you start

Prior to commencing the installation, the contractor shall examine the areas to be covered and advise the General Contractor and Architect of any existing conditions or surface contamination which will require correction before the work commences. Before starting, surface to be covered, shall be cleaned to remove curing compounds, sealers, soil, mortar, etc. Curing compounds or sealers shall be removed by "bead-

blasting," grit / sand blasting. The area should then be tested to ascertain the moisture content of the sub-floor. Failure to eliminate residual moisture can also lead to problems before floors are laid. It is necessary to ensure that floors are constructed to prevent moisture reaching from the ground, but also to ensure that the majority of water used in the construction process is removed.

Getting Started

Expansion and control joints

Existing joints in subsurface must be carried through tile work and shall conform to architectural details. Expansion joints shall be installed where tile abuts restraining surfaces, such as perimeter walls, curbs, columns, corners, etc. Expansion joints shall be installed at all "changes of plane" in the tile work.

Installation of waterproof membrane / anti-fracture membrane

Waterproof membrane is installed before tile is installed in all wet areas that are above occupied or enclosed areas. Anti-Fracture membrane is installed before tile is installed over all hairline cracks in surfaces to receive new tile work.

INSTALLATION OF TILE

Apply mortar/adhesive to the surface to be tiled with a notched trowel (3/16" x 3/16"). **Place the sheet into the freshly troweled adhesive on the surface to receive the tile work. Only as much adhesive shall be applied as can be covered with 10-15 minutes, or while the adhesive surface is still wet and tacky. Tile shall then be set in place and beaten gently, with a grout float to ensure 100% full bedding and a true surface. Tile shall then allowed

to set until firm, approximately 20 to 60 minutes. Time varies on jobsite conditions and may take longer. Excess adhesive must be cleaned from the top of the grout joint and the surface of the tile with a wet cloth, brush or sponge while the adhesive is fresh. Grouting may be done after the tile is firmly set. Leave tile clean. If necessary, the day after installation grout film or haze shall be removed using a detergent solution.

LAYING OF THE TILE - FAST & EASY

ENITO Industrial Patent, ID0 007 114, Interlocking tiles are designed to achieve a NO-Joint look. Place each tile so that it 'fits' together without leaving any grout traps

GROUTING AND POINTING JOINTS

Touch up grouting of the tile work can be accomplished once the installation mortar has become firm. Joints shall be grouted with Mapei Keracolor FF with Mapei Fugolastic. Joints shall be packed full and free of all voids and pits. Excess grout shall be cleaned

from the surface as the work progresses, while grout is fresh and before it hardens. The day after installation grout film or haze shall be removed using a detergent solution. No acids should be used for cleaning Natural Stone mosaic tile work.

PROTECTION

The contractor shall take precautions to protect the finished work from damage by other trades. Do not allow construction traffic on fresh grout joints. Allow the grout to cure for a minimum of 7 days before aggressive or steam cleaning.

Cold Weather Note: The curing of tile installation mortars, adhesives &

grouts is retarded by low temperatures and finished work should be protected for an extended period of time.

Wet Area Note: Allow tile work in wet areas such as swimming pools, fountains & showers to cure for 10 days before exposing to immersion.



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