



# Mosaic Plus

**Eurotiles Mosaic Plus** is a modified polymer intended to be mixed with Eurotiles Superior Tile Grout. With the two products combined, the mixture can now be used as both an adhesive and grout for wall and floor installations of most types of mosaic, especially glass mosaic. Eurotiles Mosaic Plus enhances the working features of Eurotiles Superior Tile Grout, including fast strength development, greater slump resistance, extended open time and better pot life, trowelability and stain resistance.

## USES

### **Types of tiles:**

All types of glass and non-porous tiles, i.e. glass mosaic, ceramic, porcelain, slate and natural stones, granite and marble tiles except green marble.

### **Single application; fix and grout at the same time**

- Mosaic wth a grout joint of 3x3mm or less.
- Adhesive and grout application: grout after at least 5 hours curing. Additional curing time is required when tiling over waterproofing membrane.
- For grout joints over 3mm.

### **Substrate**

- Use on both wall and floors for interior/exterior applications
- Onto concrete, cement renders/screed, block work, rendered brickwork and mortar leveling
- Waterproof membrane
- Permanent water immersions i.e. swimming pool
- Flexible building boards such as fiber cement and gypsum plasterboard

## ADVANTAGES

- Combine with Eurotiles Superior Tile Grout to adhere and grout mosaics in one process.
- Ultimate flexibility in color choice
- Superb adhesion to all types of glass tiles, mosaics and non-porous tiles.
- Can use onto rigid substrate, flexible building boards and waterproofing membranes.
- Excellent water resistance for swimming pool and wet areas.
- Superior slump resistance for adhering full sheets of mosaic onto wall.
- Rapid dry property allows prompt removal of film from film-faced mosaics.

## TECHNICAL DATA

Appearance:	white liquid
Bonding Strength:	>0.6mpa in 7 days
Specific Gravity:	1.01
Open time at 25°C*	20-25 minutes
Adjustment Time at 25°C*	10-15 minutes
Pot life at 25°C*	30-45 minutes

Drying time at 25°C* <small>*when mixed with Eurotiles Mosaic Plus</small>	5 hours
Shelf Life:	12 months (unopened)
Packaging:	5L (plastic container)
Mixing Ratio (For Adhesive):	5L : 10kg

*For grout applications:*

<b>Glass Mosaic additive + water dilute 1:2</b>	<b>Eurotiles tile grout</b>
0.3 Ltr*	1 kg
1Ltr*	3 kg
4 – 5 Ltr*	15 kg

\* can be adjusted depending on the required color shade

## **HOW TO USE**

### **A. Mixing**

1. Shake the container of Eurotiles Mosaic Plus before using.
2. For grout application, dilute Eurotiles Mosaic plus with clean water (1:2). Pour diluted Eurotiles Mosaic Plus into a clean bucket/pail and gently pour the Eurotiles Superior Tile Grout into it.
3. Mix constantly until a lump-free, thick creamy consistency is achieved.
4. Allow the mixture to stand for 3 minutes, mix again before use.

### **B. Application**

#### **Film/paper-faced mosaic sheets**

1. Start the bond coat by spreading adhesive onto the surface with the flat side of the trowel until smooth. You can spread up to 1 sq.m. of adhesive per 1 mosaic sheet at any one time. Then evenly scour the adhesive with the notched side of the trowel, full notches in a horizontal direction to form the proper depth of the setting bed and to have an even adhesive board.
2. Lay the mosaic side without film/paper into the adhesive bed and press it firmly into position before the adhesive crusts. Press it in a perpendicular motion to stabilize the joint gap and to prevent the mosaics from disconnecting from the mesh.
3. Using a rubber mallet, a trowel or a rubber float, tap all over the mosaic to get the adhesive wicked into the grout until a flat surface is achieved.
4. Wait for 1.5 – 3 hours before removing the film/paper. If on floor, be careful not to step on the mosaics as this will disrupt the bond. If the mosaics are attached to the paper, use a damp sponge to dampen the paper until it starts to peel off then start to remove the film/paper slowly in a diagonal motion starting from the corner whilst paying attention to not peel off the mosaics.
5. Ensure the adhesive fully wicks up into the joints. If not, fill up those joints with portions of Eurotiles Superior Tile Grout well-mixed with Eurotiles Mosaic Plus. Then use a rubber float to remove excess grout from the surface. In a diagonal motion across the joint, force the grout into the joints until full.
6. Use a damp sponge to clean off and remove any remaining grout from the mosaic face. Be sure not to wet the sponge too much and not to overwork the joints, as this can cause efflorescence or shade variation.
7. Allow the grout to cure for at least 24 hours before putting the area into service. If grout haze still occurs, do a final clean up with a soft dry cloth. A cup of denatured alcohol may also be added to the clean water to aid in final grout removal from mosaic face.

## **PRECAUTIONS**

- Do not apply in temperatures above 40°C or below 5°C.
- Ensure that the container of Eurotiles Mosaic Plus is mixed or shaken well before using.
- Do not allow the adhesive to skin prior to the laying of the tiles. If it does remove, dispose it and re-apply fresh adhesive.
- Allow at least 7 days curing of Eurotiles Mosaic Plus in swimming pool applications before filling in with water.
- It is required to have additional curing time for tiling onto waterproof membrane.
- For installation in submerged areas, consult with your provider of tiles to make sure that your tiles are suitable for submersion.
- Cleaning or discoloration problems can occur with textured, porous or natural tiles.
- Do not apply Eurotiles Mosaic Plus combined with any grout in movement joints. Use HYBRID SEALANT instead.

**Disclaimer:** Due to different working methods, the manufacturer is not liable for any damages and faulty outcomes arising from incorrect use of this product. Please follow the instructions mentioned above.

## **MADE IN TAIWAN**

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