

MARMOR STONE CARPET SYSTEM Outdoor and Indoor Decorative Flooring



Consists of hard quartz aggregates and two-component polyurethane or epoxy resins. Grain thickness 0,7-1,2mm, 2-4mm and 4-6mm or bigger. For interior surfaces it is recommended the use of epoxy-based **MARMOR STONE CARPET**. Recommended for hotels, shopping centers, swimming pool surroundings, city squares and generally areas where high mechanical resistance and aesthetics are required.

Preparation – Application

Applied only on dry, smooth concrete surfaces (over 1 month old), protected from arising humidity and free of materials that might prevent bonding e.g. dust, loose particles, grease etc. The success in the application depends on the right preparation of the underlay and use of the material.

- Treatment of the surface with a mosaic machine, with sandblast or rotor machine, depending on the thickness of the final coating.
- Good, dry cleaning of the surface from dust and residues with vacuum cleaner and squeegees.
- Priming of the surface with **807 PU ALIPHATIC PRIMER** in two or more layers. Consumption: 200-400 gr/m², depending on the absorption of the underlay. It is recommended that the second layer should be applied in sections each time, right before the application of the industrial covering, in order to ensure proper adhesion.
- When the polyurethane primer is still sticky and before it gets dry completely, we apply the resins of **MARMOR FLOOR** mixed with the desired coloured or natural aggregates.
- Good mixing of components A (resin) & B (hardener) packed into separate containers in fixed weight proportions. Mixing should be performed using a low revolution mixer (300-600 rpm) for 1-2 min. Stirring of the mixture should be performed thoroughly near the sides and bottom of the container in order to achieve

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uniform dispersion of the hardener. Afterwards, the whole quantity of component C (quartz aggregates) is gradually added into the mixture under continuous stirring until a uniform polyurethane mortar is formed.

- The application is performed by a flat trowel by pressing and laid until applied to the desired thickness (from grain thickness to 1 cm).
- After hardening of the material (approx. 12 hours depending on the ambient temperature) and within 24 hours, follows the application of **807 PU TOP COATING VARNISH** (consumption: 300-600 gr/m²) in order for the surface to become rigid and to avoid any loose grains.

Tools:



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