

# MARMODUR



## FLEXIBLE MARBLE FLOORING




### GENERAL

Marmodur is a pure blend of biopolymer and marble aggregates providing a flexible and sustainable floor. Marmodur comes in a wide range of colors and can be customized. Marmodur is Red List Free and BREEAM and LEED certified.

### FIELD OF APPLICATION

Marmodur is a thinset semi resilient floor finish and is seamlessly applied on large areas without joints. Marmodur is hardwearing and high resistant to heavy trafficked areas like shops, restaurants and public areas.

### LOOK AND FEEL

Marmodur is a robust and strong floor finish which resembles a composite terrazzo look. The density of the aggregates may vary since it is randomly applied. Special Riviera collection is available.

### THICKNESS

The Marmodur has an overall thickness of 3 to 4mm.

### HARDENING AND CURING

Marmodur is ready for foot traffic at 15°C within 24 hours. The full hardening has occurred after 7 days assuming a temperature of 15°C. After curing the floor is ground to the desired surface.

### CHARACTERISTICS

Density	1,55kg/dm <sup>3</sup>
Compressive Strength	Approx. 40 N/ mm <sup>2</sup>
Adhesion strength	> 3N/mm <sup>2</sup>
Tensile strength	Approx. 10 N/mm <sup>2</sup>
Elongation at break	Approx. 65%
Binder	Biopolymer
Fire rating	B <sub>fl</sub> - S1 (EN 13501-1)
Color	Customized
Hardness	Approx. 50 Shore D
Thermal isolation	0,027 m <sup>2</sup> x K/W
Underfloor heating	Possible

- UV stable
- Seamless
- Easy to clean and maintain
- Chemical resistant
- Highly resistant to abrasion
- Fast delivery times and high day production
- Can be laid on old surfaces
- Flexible without cracking
- Maximum strength and no hairline cracking

### MAINTENANCE

Regular removal of dust and if necessary wet cleaning with a neutral cleaning agent. For further instructions see the maintenance instruction guide.

### INSTALLATION

The concrete or screed subfloor has to be primed and levelled with a self levelling smoothing compound to obtain a flat and levelled surface. Uneven surfaces have to be leveled by e.g. diamond grinding prior to the levelling compound. All dust and loose parts have to be fully removed from all surfaces before the product is applied, preferably using a brush and/ or industrial vacuum cleaner. Prior to the installation of the Marmodur a suitable primer needs to be applied. During the installation the room temperature needs to be at least 62 °F (15,5°C). The floor temperature need to be at least 59 °F (15°C) and minimum 3 °F (3 °C) above the dew point.



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