

DURAMIQUE

Product description

Duramique is a durable industrial and commercial flooring system based on pigmented modified hydraulic mineral binder and quarts.

Usage

Duramique is a seamless, hardwearing, abrasion resistant floor finish for dry areas where a floor has to fulfil high mechanical demands. Duramique is frequently used in warehouses, supermarkets and industries. Because of the “concrete look” it can also be installed in apartments, museums and exhibition areas.

Technical data

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| Compressive strength: | from 60 to 80 N/mm ² |
| Flexural strength: | 10 – 14 N/mm ² |
| Surface Hardness: | 100 -160 N/mm ² |
| Bulk density | 1.8 – 2,22kg/dm ³ |
| Temperature resistance: | up to 100°C |
| Electrical conductivity | 10 ⁴ -10 ⁶ Ω |
| Fire resistance: | Non burning |
| Chemical resistance: | resistant against fat and oil and to solvent such as petrol |

Bonding

An excellent bonding is obtained on cementitious substrates, which is in good condition and is clean, dry and oilfree. Concrete substrates need to be shotblasted prior to the application of the Duramique. A minimal adhesion of 0,8N/m² is required. Priming of the substrate is needed with a Duracryl EWE Primer. For other substrates contact DURACRYL.

Appearance

Duramique is a self-smoothing system. The surface appears as power-floated concrete and has a industrial aspect. The surface is smooth.

Thickness

Duramique is applied in thickness between 15 to 35mm. For thicker floors, application in two layers is required.

Curing

Duramique is ready for foottraffic after 24 hour at 15°C after finishing. Full curing after 28 days. Forklift-ready, depending on temperature, after 48 hours.

Finishing

After sufficient drying the Duramique can be impregnated with Duramique Sealer to obtain a easy to clean surface.

Substrates

Concrete substrates have to be clean, permanently dry, oilfree and at least 28 days old. No curing compound or any cementpowder on top of the concrete which can cause delamination of the Duramique. Sand-cement screeds have to be applied properly bonded to the substrate.