

DURABELLA SEAMLESS EPOXY DECORATIVE TERRAZZO

Product description

Durabella Seamless Epoxy Decorative Terrazzo is a decorative flooring system based on pigmented, low viscosity epoxy resin combined with coloured marble, granite or other natural aggregates. After the application the floor is then ground and polished to reveal the natural beauty of the aggregates surrounded by the coloured epoxy matrix.

Usage

Durabella Seamless Epoxy Decorative Terrazzo is a seamless floor finish with high esthetical appearance and therefore frequently used in public areas such as airports, shopping centres, town halls and office buildings. Furthermore: commercial, retail, health care, research and pharmaceutical industry.

Technical data

Hardness	after 24 Hours Shore D: 85/60
Compressive strength:	from 40 to 75 N/mm ² depending on formula
Flexural strength:	35 N/mm ²
Adhesion:	2,5 N/mm ²
Fire resistance:	Class 1
Temperature resistance:	65°C

Surface roughness	Rz	29.4	Slip Resistance Value	
	(4S slider)		(TRL slider)	
	Dry	Wet	Dry	Wet
1	62.0	19.0	81.2	20.0
2	59.0	18.0	75.4	21.0
3	59.0	17.0	79.0	19.0
Mean	60.0	18.0	78.5	20.0

Bonding

An excellent bonding is obtained on cement and calcium sulphate substrates, which are in good condition and are clean, dry and oil free. Concrete substrates need to be shot blasted prior to the application of the Durabella Seamless Epoxy Decorative Terrazzo. For other substrates contact DURACRYL.

Appearance

By creating designs, patterns and by using different colours beautiful floors can be made. The design specialist from Duracryl can advise the client on the design or the client can design there own logo, pattern, Possibilities are countless. Durabella Seamless Epoxy Decorative Terrazzo is available in many beautiful colours.

Thickness

Durabella Seamless Epoxy Decorative Terrazzo is applied at a thickness between 6 to 9 mm, depending on the size of the aggregates.

Curing

Durabella Seamless Epoxy Decorative Terrazzo is ready for foot traffic after 24 hour at 20°C. Full curing and hardening after 7 days at 20°C .

Substrates

Concrete substrates have to be clean, permanently dry, oil free and at least 28 days old. No curing compound or any cement powder on top of the concrete which can cause delamination of the Durabella Seamless Epoxy Decorative Terrazzo.

Sand-cement screeds have to be applied properly bonded to the substrate. Calcium sulphate and anhydrite screeds have to be sanded and vacuum cleaned prior to application. The best result is achieved on a highly levelled sub floor. Contact Duracryl for specific situations.