

DURABELLA SEAMLESS TERRAZZO



CHARACTERISTICS

Flexural Strength Standard: ISO 196-1 10-15 N/mm ² 1450-2175 psi	
Flexural Strength with Duraforce membrane Standard: in line with ISO 196-1 20-22 N/mm ² 2900-3190 psi	
Compressive Strength Standard: ISO 196-1 (precoated quartz) 40-60 N/mm ² 5800-8700 psi	
Compressive Strength Standard: ISO 196-1 (marble) 30-35 N/mm ² 4350-7250 psi	
Tensile Strength (binder only) Standard: ISO 196-1 10 N/mm ² 1450 psi	
Elongation at break (binder only) Standard: ISO 527	Approx. 145% (Base material is 100%)
Binder	Biopolymer
Fire rating	B ^{fl} S1 (EN 13501-1)
Color	Unlimited possibilities
Hardness of the binder	Shore D65
Thermal isolation	0,027 m ² x K/W
Underfloor heating	Possible

- Highly UV stable
- Seamless
- Easy to clean and maintain
- Classic elegance
- Sound absorbing
- Chemical resistant
- Highly resistant to abrasion
- Can be used exterior
- Fast delivery times and high day production
- Can be laid on old surfaces
- Maximum strength and no hairline cracking
- Thickness from 8 to 15mm

GENERAL

Durabella is made out of various components based on a special modified binder, marble aggregates and/or natural stones. Durabella Biopolymer is made from vegetable oil and is Red List Free. Durabella is a flexible terrazzo and has a 40% better sound absorption compared to traditional epoxy terrazzo.

FIELD OF APPLICATION

Durabella Seamless Terrazzo is an aesthetic, seamless, wear-resistant finish for areas with heavy traffic. Suitable for both new construction and renovation (10-18mm) project. Durabella is therefore often used in public buildings such as shopping malls, hotels, receptions, restaurants, convention centers, airports, banks, offices, hospitals, entrance halls, stations, public areas, etc.

LOOK AND FEEL

Very similar to the traditional terrazzo floors. The surface is smooth. Various patterns and motifs can be obtained in the floor. In contrast to traditional terrazzo floors Durabella can be supplied in RAL, Pantone or NCS colors. The finish can be adjusted to your liking and color composition is customer specific. Slip-resistance is depending on the finish, multiple options available.

DESIGN

Unlimited possibilities with the color of the binder and the mixing of the aggregates allowing designers to create their own visual. Aectual X Durabella is an innovative and sustainable flooring solution, created in collaboration with Aectual, combining 3D printed patterns with the Durabella. A novel take on classic artwork terrazzo flooring, offering endless design opportunities to integrate storytelling in your flooring design.

Version: 03/2024



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