



DISCOVER THE  
BEAUTY OF NATURE  
DISCOVER DIRESCO

TECHNICAL DATA



TEST PERFORMED	RESULTS					STANDARD
PRODUCT GROUP	GR 1	GR 2	GR 3	GR 4	GR 5	
Max. dimensions of aggregates (mm)	0.3	0.6	1.2	2.5	4.0	
<b>PHYSICAL PROPERTIES</b>						
Apparent Density (kg/liter or ton/m <sup>3</sup> )	2.3	2.4	2.4	2.4	2.4	EN-14617-1
Water Absorption (% in weight)	0.021	0.022	0.023	0.027	0.028	EN-14617-1
Flexural Modus (N/mm <sup>2</sup> or MPa)	32,500	32,500	32,500	32,500	32,500	DIN EN ISO 178
Dimensional Stability	Class A					EN-14617-12
Electrical Resistivity (Ω.m)						
Surface Resistivity	5.0....13.0 * 10 <sup>12</sup>					EN-14617-13
Volume Resistivity	5.0....10.0 * 10 <sup>12</sup>					
<b>DURABILITY</b>						
Compressive Strength (N/mm <sup>2</sup> or MPa)	247	239	215	212	209	EN-14617-15
Flexural Strength 20°C (N/mm <sup>2</sup> or MPa)	74	60	57	54	50	EN-14617-2
Impact Resistance (Joule)	9.0	7.0	5.5	3.0	3.0	EN-14617-9
Resistance to Deep Abrasion (mm)	30	29	28.5	27.5	27	EN-14617-4
Freeze – Thaw Resistance (KM <sub>f25</sub> )	0.99	0.99	0.99	0.98	0.98	EN-14617-5
Moh's Hardness	5-7					EN 101
<b>THERMAL PROPERTIES</b>						
Thermal Shock						
Flexural Resistance (AR %)	0.0					EN-14617-6
Loss in Weight (Δm %)	0.0					
Linear Thermal Expansion (m/m°K)	19.5 10 <sup>-6</sup>	19.0 10 <sup>-6</sup>	18.5 10 <sup>-6</sup>	18.0 10 <sup>-6</sup>	17.5 10 <sup>-6</sup>	EN-14617-11
Thermal Conductivity (W/m °K)	1.3					EN-12664
Heat Capacity (J / gr °K)	0.88					
Heath Deflection Temp. ( °C)	120					
Wet Heat Resistance (80°C)						
Polished Finish	Rating 4					EN 12721
Velvet Finish	Rating 4					
Dry Heat Resistance						
Polished Finish	Rating 3					EN 438-2, method 16
Velvet Finish	Rating 5					

TEST PERFORMED	RESULTS					STANDARD
<b>UV-RESISTANCE</b>						
<b>Weathering</b>			√			ISO 4892-2,method A, cycle 1 color :ASTM E1347 gloss: ISO 2813 (60°)
<b>SAFETY</b>						
<b>Fire Classification</b>	Class A2 – s1, d0					EN-13501 – 1:2007 – TAB 1
<b>Classes of Reaction to Fire for Floorings</b>	Class A2 <sub>fl</sub> – s1					EN-13501 – 1:2007 – TAB 2
<b>STAIN &amp; CHEMICAL RESISTANCE</b>						
<b>Chemical Resistance</b>	Class C4					EN-14617-10

## GROUP CLASSIFICATIONS

### GR 1

Pure White, Premium Cotton Beige, Supreme White, Venato Cotone, Venato Supremo

### GR 2

Premium Cobalt Grey, Premium Cuba Brown, Premium Dolphin Grey, Venato Cubano, Venato Delfino

### GR 3

Beach Black, Beach Dark Grey, Beach Medium Grey, Beach Taupe, Beach White, Belgian Blue, Belgian Buxy, Belgian Desert, Belgian Earth, Belgian Fog, Belgian Sand, Belgian Soil, Belgian Storm, Beton Light, Beton Dark, Divinity Black, Divinity Crema, Divinity Ivory, Divinity White

### GR 4

Beach Iceberg

### GR 5

Beach Crema