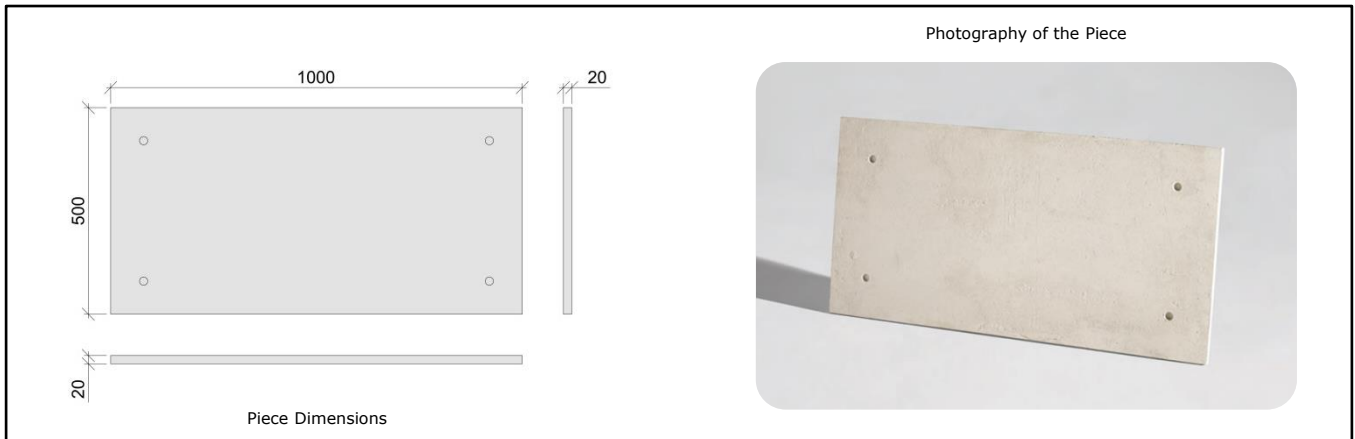


HANDO PLUS 1000x500x20

units: mm



Product characteristics and package		Technical Specifications																															
Available Colors			<table border="1"> <tr> <td>Product Classification</td> <td>EN 14618</td> <td>Concrete Coating</td> </tr> <tr> <td>Surface Quality</td> <td>EN 14617-16</td> <td>Visual Inspection</td> </tr> <tr> <td>Dimensions and Geometry</td> <td>EN 14617-16</td> <td>Tolerances ± 5 mm</td> </tr> <tr> <td>Maximum Water Absorption</td> <td>EN 14617-1</td> <td>≤ 8 %</td> </tr> <tr> <td>Average Apparent Density</td> <td>EN 14617-1</td> <td>2200 ±50 kg/m³</td> </tr> <tr> <td>Frezze/Thaw Resistance Flexural Strength (after 25 cycles)</td> <td>EN 14617-5 EN 14617-2</td> <td>Pass No Change</td> </tr> <tr> <td>Thermal Shock Resistance Flexural Strength (after 20 cycles)</td> <td>EN 14617-6 EN 14617-2</td> <td>Pass No Change</td> </tr> <tr> <td>Minimum Flexural Strength</td> <td>EN 14617-2</td> <td>7 MPa</td> </tr> <tr> <td>Compressive Strength Class Minimum Compressive Strength</td> <td>EN 206 EN 12390-3</td> <td>C30/37 ≥ 37 N/mm²</td> </tr> <tr> <td>Water Absorption by Capillary</td> <td>EN 772-11</td> <td>≤ 1 g/(m².s)</td> </tr> </table>	Product Classification	EN 14618	Concrete Coating	Surface Quality	EN 14617-16	Visual Inspection	Dimensions and Geometry	EN 14617-16	Tolerances ± 5 mm	Maximum Water Absorption	EN 14617-1	≤ 8 %	Average Apparent Density	EN 14617-1	2200 ±50 kg/m³	Frezze/Thaw Resistance Flexural Strength (after 25 cycles)	EN 14617-5 EN 14617-2	Pass No Change	Thermal Shock Resistance Flexural Strength (after 20 cycles)	EN 14617-6 EN 14617-2	Pass No Change	Minimum Flexural Strength	EN 14617-2	7 MPa	Compressive Strength Class Minimum Compressive Strength	EN 206 EN 12390-3	C30/37 ≥ 37 N/mm²	Water Absorption by Capillary	EN 772-11	≤ 1 g/(m².s)
	Product Classification	EN 14618		Concrete Coating																													
	Surface Quality	EN 14617-16		Visual Inspection																													
	Dimensions and Geometry	EN 14617-16		Tolerances ± 5 mm																													
Maximum Water Absorption	EN 14617-1	≤ 8 %																															
Average Apparent Density	EN 14617-1	2200 ±50 kg/m³																															
Frezze/Thaw Resistance Flexural Strength (after 25 cycles)	EN 14617-5 EN 14617-2	Pass No Change																															
Thermal Shock Resistance Flexural Strength (after 20 cycles)	EN 14617-6 EN 14617-2	Pass No Change																															
Minimum Flexural Strength	EN 14617-2	7 MPa																															
Compressive Strength Class Minimum Compressive Strength	EN 206 EN 12390-3	C30/37 ≥ 37 N/mm²																															
Water Absorption by Capillary	EN 772-11	≤ 1 g/(m².s)																															
HP 28	HP 29	HP 28 GR	HP 29 GR																														
Product Type	Flat Elements	Dimensions and Geometry	Tolerances ± 5 mm																														
sqm/Wodeen Box*	20 m²	Maximum Water Absorption	≤ 8 %																														
sqm/item	0,5 m²	Average Apparent Density	2200 ±50 kg/m³																														
Items/sqm	2 units	Frezze/Thaw Resistance Flexural Strength (after 25 cycles)	Pass No Change																														
Items/Box	40 units	Thermal Shock Resistance Flexural Strength (after 20 cycles)	Pass No Change																														
Average weight/sqm	44 kg	Minimum Flexural Strength	7 MPa																														
Average weight/Item	22 kg	Compressive Strength Class Minimum Compressive Strength	C30/37 ≥ 37 N/mm²																														
Average weight/Wodeen Box*	880 kg	Water Absorption by Capillary	≤ 1 g/(m².s)																														

*Wodeen Box - Size 1100x1100x700 mm

Approved Vitor Silva	Elaborate Joana Ferreira	Ref.ª PTDS HAN_002	Date 30/01/2020
-------------------------	-----------------------------	-----------------------	--------------------