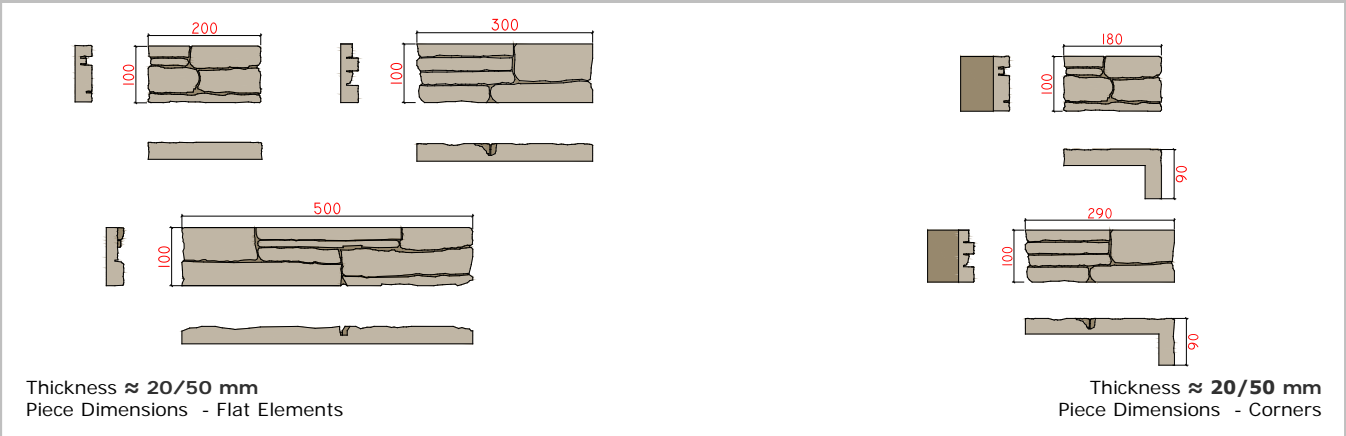


SIENA Flat Elements 200/300/500 x 100 x 20/50 | Corners 180/290 x 100 x 90 x 20/50 Units: mm



Given the characteristics of aggregates and their photographic reproduction, there may be slight variations in particle size and tone.



Product characteristics and package			Technical Specifications																																				
<p>COLORS</p>			<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>≤ 10 %</td> </tr> <tr> <td>Average Apparent Density</td> <td>EN 14617-1</td> <td>1700 ± 50kg/m³</td> </tr> <tr> <td>Freeze/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>6 MPa</td> </tr> <tr> <td>Compressive Strength Class Minimum Compressive Strength</td> <td>EN 206 EN 12390-3</td> <td>LC30/33 ≥ 33 N/mm²</td> </tr> <tr> <td>Water Absorption by Capillary</td> <td>EN 772-11</td> <td>≤ 1 g/(m².s)</td> </tr> <tr> <td>Approved: Vitor Silva</td> <td>Elaborate: Bruno Veloso</td> <td>PTDS nº: SIE_001_EN</td> <td>Date: 09-11-2018</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	≤ 10 %	Average Apparent Density	EN 14617-1	1700 ± 50kg/m³	Freeze/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	6 MPa	Compressive Strength Class Minimum Compressive Strength	EN 206 EN 12390-3	LC30/33 ≥ 33 N/mm²	Water Absorption by Capillary	EN 772-11	≤ 1 g/(m².s)	Approved: Vitor Silva	Elaborate: Bruno Veloso	PTDS nº: SIE_001_EN	Date: 09-11-2018
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Product Type	Flat Elements	Corners	Product Classification	EN 14618	Concrete Coating																																		
Quantity per Pallet	25 sqm	50 lm	Surface Quality	EN 14617-16	Visual Inspection																																		
Quantity per Box	0,50 sqm	1 lm	Dimensions and Geometry	EN 14617-16	Tolerances ± 5 mm																																		
Items/sqm	30 Units	10 Units	Maximum Water Absorption	EN 14617-1	≤ 10 %																																		
Items/Box	15 Units 5/size	10 Units 5/size	Average Apparent Density	EN 14617-1	1700 ± 50kg/m³																																		
Boxes/Pallet	50 Boxes	50 Boxes	Freeze/Thaw Resistance Flexural Strength (after 25 cycles)	EN 14617-5 EN 14617-2	Pass No change																																		
Average weight/sqm	42,40 kg	13 kg	Thermal Shock Resistance Flexural Strength (after 20 cycles)	EN 14617-6 EN 14617-2	Pass No change																																		
Average weight/Box	22 kg	13 kg	Minimum Flexural Strength	EN 14617-2	6 MPa																																		
Average weight/Pallet	1060 kg With Pallet	680 kg With Pallet	Compressive Strength Class Minimum Compressive Strength	EN 206 EN 12390-3	LC30/33 ≥ 33 N/mm²																																		
Approved: Vitor Silva	Elaborate: Bruno Veloso	PTDS nº: SIE_001_EN	Water Absorption by Capillary	EN 772-11	≤ 1 g/(m².s)																																		
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