ACIMENTEIRADOLOURO

PRODUCT TECHNICAL DATA SHEET

ORION

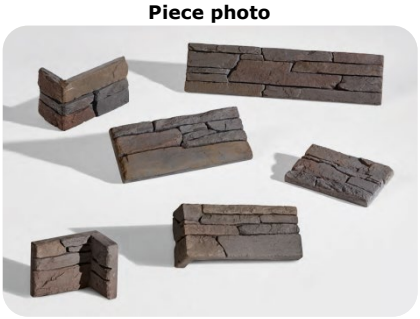
Flat Elements 200/300/500 x 125 | Corners Int. 160 x 100 x 125 | Corners Ext. 260 x 70 x 125 - 175 x 80 x 125

units : mm



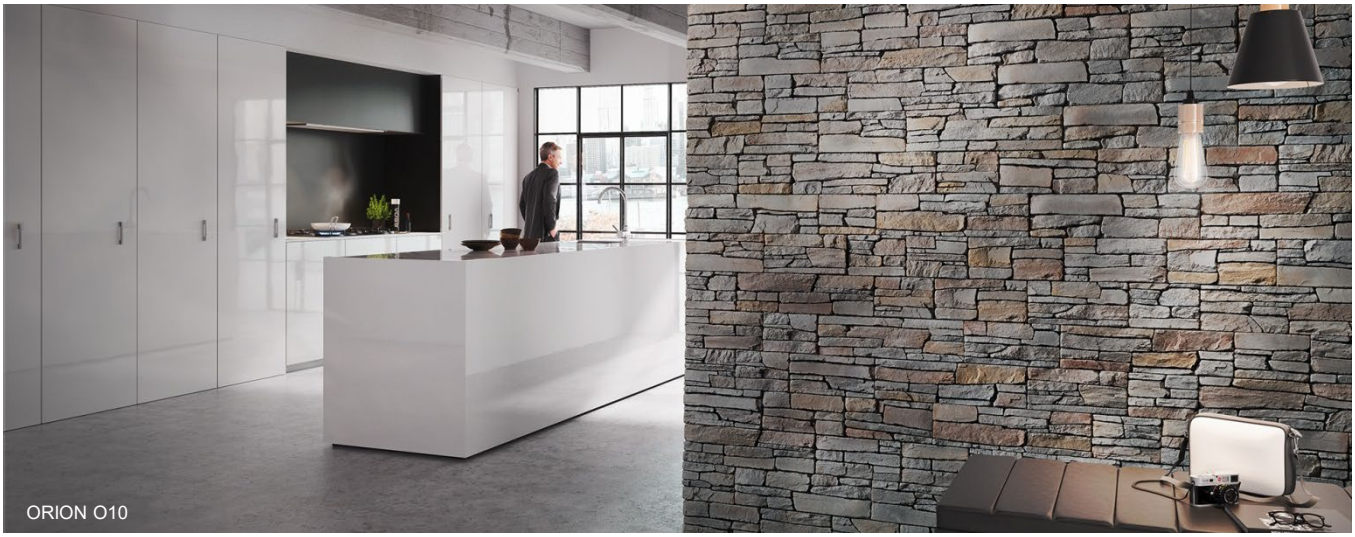
Thickness ≈ **20/30 mm**
Piece Dimensions – Flat elements

Piece photo





Thickness ≈ **20 /30mm**
Piece Dimensions - Corners



Product characteristics and package

Colors Available	O 10 	O 14 	O 15 

Product Type	**Flat Elements**	**Corners**	
		int	**ext**
Quantity per Pallet	35 sqm	84 lm	56 lm
Quantity per Box	0,625 sqm	1,5 lm	1 lm
Items/sqm	24 units	8 units	8 units
Items/Box	15 units	12 units	8 units
Boxes/Pallet	56 Boxes	56 Boxes	56 Boxes
Average weight/sqm	33 kg	13 kg	11,5 kg
Average weight/Box	22,5 kg	13 kg	11,5 kg
Average weight/Pallet	1280 kg With pallet	740kg	660kg

Technical Specifications

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 ±50 kg/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:	**Elaborate:**	**PTDS nº:**	**Date**	**Review 2**
Vítor Silva	Bruno Veloso	ORI_001_EN	02-09-2016	22-10-2018

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