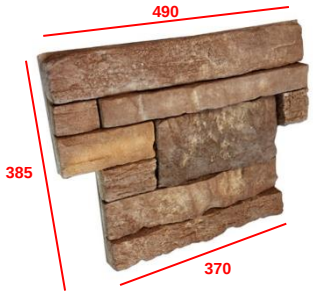
ACIMENTEIRADOLOURO

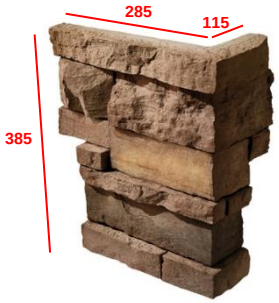
# PRODUCT TECHNICAL DATA SHEET

## **NISA** Flat Elements 490 x 370 x 385 | Corners 285 x 115 x 385

units: mm




Thickness **± 30/55 mm**
Piece Dimensions - Flat Elements




Thickness **± 30/55 mm**
Piece Dimensions - Corners

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




## Product characteristics and package

| **Colors Available** | **N 08**  | **N 11**  | **N 47**  |
|---|---|---|---|
| **Product Type** | **Flat Elements** | **Corners** | |
| **Quantity per Pallet** | 13 m² | 30,8 lm | |
| **Quantity per Box** | 0,65 m² | 1,54 lm | |
| **Items/m²** | 6,15 Units | 2,6 Units | |
| **Items/Box** | 4 Units | 4 Units | |
| **Boxes/Pallet** | 20 Boxes | 20 Boxes | |
| **Average weight/m²** | 63 kg | 23,38 kg | |
| **Average weight/Box** | 40,70 kg | 36,20 kg | |
| **Average weight/Pallet** | 840 kg With Pallet | 750 kg With Pallet | |

## 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 ±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:** | **Elaborate:** | **PTDS nº:** | **Date:** |
|---|---|---|---|
| Vítor Silva | Bruno Veloso | NIS_001_EN | 12-07-2021 |

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