

PRECAST UNITS “DIVIDING SUPER FULL WALLS HEIGHT M 2,72”

Supply and installation of self-stable prefabricated elements (retaining walls) in reinforced concrete (Rck 45 N/mm²), for the construction of containment walls of bulk materials, **with CE marking according to the European Standard EN-15258 with 2+ Certification System**, classified as **“declared series” production** according to Ministerial Decree D.M. of 17/01/2018 filed with the “Presidenza del Consiglio Superiore dei Lavori Pubblici” (Presidency of the Upper Council of Public Works), produced from a **company with a quality system certified according to UNI EN ISO 9001 Standard**, with a foot measuring 155x225 cm and a height of 272 cm suitable for containing bulk products with a specific weight up to 1800 kg / m³ (type prefabricated elements of Edil Leca Srl).

Prefabricated elements must be coupled together with polyethylene adhesive gasket.

The prefabricated elements must be supplied with Product Certification (ICMQ) certifying the content of recycled material / recovered material/ by-product, with reference to the product certification Regulation relating to construction products – CP DOC 262, and to UNI EN ISO 14021:2016 Standard "Environmental labels and declarations - Environmental statements (environmental labeling type II)". Certification System 3 – ISO/IEC 17067 with TOTAL PERCENTAGE OF RECYCLED MATERIAL: ≥ 19%.

The prefabricated elements must be of the single dividing type that can be used both for the perimeter and dividing walls of the horizontal (inverted T) silos capable of containing the thrust of the materials on both sides of the elements themselves.

The special prefabricated elements for the creation of 90° corners or for the "T" crossings must allow the walls to be moved at any point in order to be able to widen or narrow the horizontal silo as the needs vary (the corners and crossings must be fixed points).

With following features:

Height	: 272 cm
Width	: 155 cm
Length	: 225 cm
Element type	: Dividing super full wall 225x272h
Compressive strength	: 45 N/mm ²
Concrete density	: 2550 kg/m ³
Concrete exposure class	: XA2 (according to Standard EN 206-1)
CAM certification	: System 3 – ISO/IEC 17067
Recycled material in CAM concrete	: ≥19%
Fire resistance	: EI – REI 60
Environmental exposure condition	: E=High (according to Standard EN 13369)
Average element weight	: 2350 kg
Maximum silage material density	: 1800 kg/m³ + Overload on material: 1000 kg/m²