

DECLARATION OF PERFORMANCE

Nº H006-241017

EN 206:2013+A1 / Structural Code RD 470/2021

1. PRODUCT

DRY CONCRETE

**“HNE-10” “HNE-15”, “HNE-20”, “HA-25”, “HA-25_Fluid Consistency”, “HA-25_WHITE”, “HA-25_8mm”,
“HA-30”, “HLE-20”, “HLE-25”, “AUTOCOMPACTABLE HA-25/AC”, “FAST&EASY”,
“HA25/8mm - Water-soluble sack”**

2. NAME AND ADDRESS OF THE MANUFACTURER

AYMAR S.A.U.

Carretera C-35 KM.58,
08470 SANT CELONI (BARCELONA)

3. INTENDED USE

PRODUCT	TYPE	APPLICATION
HNE-10	Non-Structural Concrete	Shaping volumes of strong material, such as sidewalk concrete, curb concrete, and fill concrete.
HNE-15		
HNE-20		
“FAST&EASY”		
HA-25	Structural Reinforced Concrete Structural Mass Concrete	Construction work in general in humid environments (XC2).
HA-25_Fluid		
HA-25_ WHITE		
HA-25_ 8mm		
HA25/8mm - Water-soluble sack		
HA-30		Construction work in general in the vicinity of the sea, air humidity, (XS1).
HLE-20	Structural Lightweight Concrete	Construction works such as rehabilitation and insulation of sloping roofs, screeds and walkable insulation, filling of air chambers, insulation on the ground, drainage and insulation of basement walls, bathroom and kitchen floors, insulation of roofs, etc...
HLE-25		
AUTOCOMPACTABLE HA-25/AC	Self-compacting concrete	For mass or reinforced use, which is compacted by the action of its own weight, without the need for vibration energy or any other compaction method, not presenting segregation, blockage of coarse aggregate, bleeding, or exudation of the grout. Of adequate and consistent quality in environments of normal exposure, high humidity. Suitable for most structural elements, slabs, walls, pillars, beams, slabs, etc.

4. SYSTEM FOR EVALUATING AND VERIFYING THE CONSTANCY OF PERFORMANCE

Factory production control and product evaluation and verification in accordance with the applicable requirements of the following regulations:

1. EN 206:2013+A1.- Concrete. Specifications, performance, production and compliance.
- Structural Code (Royal Decree 470/2021)

5. DECLARED PERFORMANCE

ESSENTIAL FEATURES		TECHNICAL SPECIFICATIONS	C.			PERFORMANCE										
				HNE-10	HNE-15	HNE-20	HA-25	HA-25_Fluid consistency	HA-25 - White	HA-25 - 8mm	HA25/8mm - Water-soluble sack	HA-30	HLE-20	HLE-25	AUTOCOMPACTABLE HA-25 /AC	FAST&EASY
Kneading water		EN 206:2013+A1 / RD 470/2021	%	10%	10%	10%	10%	10,5%	10%	11%	12-14%	10%	16%	16%	10%	15%
Maximum aggregate size (D _{max})	EN 12620 EN 933-2		mm	8	12	12	12	12	12	8	8	12	10	10	12	10
Minimal cement content			Kg/m³	>200	>200	>200	>275	>275	>275	>275	>275	>325	--	--	>275	>325
Maximum water/cement ratio			a/c	<0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,5	0,6	0,6	0,6	0,6
Compressive Strength	EN 12390-3		N/mm²	>10	>15	>20	>25	>25	>25	>25	>25	>30	>20	>25	>25	>20
Consistency of fresh concrete	EN 12350-2 UNE 83313		Type of settlement in mm	60-90	60-90	60-90	60-90	100-150	60-90	60-90	60-90	60-90	60-90	60-90	--	60-90
Runoff	EN 12350-8 UNE 83361		(d _f) mm	--	--	--	--	--	--	--	--	--	--	--	550mm< d _f <650mm	--
General presentation on corrosion of reinforcement		Class	--	--	X0	XC2	XC3	XC2	XC2	XC2	XC2	XC2	XC2	XC2	--	

The performance of the product identified in point 1 is in accordance with the performance declared in point 5.
This declaration of performance is issued under the sole responsibility of the manufacturer referred to in point 2.



Luis Jesús García-Muñoz Miras

Responsible for the Integrated Management System
Quality, Occupational Safety, Environment, Sustainable Mining

Sant Celoni, 17/10/2024