

TECHNICAL SHEET	REINFORCED CONCRETE	RD 470/2021 EN-206	Standard designation HA30/B/12/XC2 C25/30-XC2- Dmax12-52
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Revision: 3-14/02/2024

Reinforced Concrete 30

The dry concrete HA30 manufactured by AYMAR S.A. is a dry concrete ready to be used only with the addition of water in the proportion indicated. It is made with marble aggregates and cement, with controlled granulometry and optimum

Composition

Composed of crushed metamorphic limestone aggregates for use in construction, as aggregates for concrete and mortars (EN 12620 and EN 13139), cement CEM I - 42, 5R (EN 197-1 and UNE 80601) and organic organic additives to improve compressive strength.

Application field

Dry concrete HA30 is a concrete of suitable quality for general construction works in environments of normal exposure, high humidity, (XC2). Suitable for use as structural reinforced concrete and for all types of masonry works; concrete for sidewalks, concrete for curbs, filler concrete, printed concrete, polished screeds...

Instructions for use

- Preparation of the substrate: clean and wet the substrates before application and wait for the water film to disappear. Prepare it with suitable meshes to reinforce the concrete.
- Preparation of the mixture: always use clean, running water. Add 2.5-3 l. of mixing water per bag and mix mechanically until a homogeneous mass is obtained and applied.
- Application of the paste: the minimum thickness of the application will be of 4 cms, always allowing a complete compaction of the mass. Once the kneading is done, it will be applied before the beginning of setting.

Recommendations of use

- Excess water causes a decrease in resistance.
- Apply on substrates with a certain degree of absorption, humidity and perfectly set.
- Do not apply at temperatures below 5°C or above 35°C.
- Avoid frost, strong winds and exposure to intense sunlight during application.
- The addition of other material (additives, cement, etc.) can change the behavior and characteristics of the product.

Technical Data

Scope	Feature	Value	Norma de ensayo
Product	Standard designation	HA30/B/12/XC2 C25/30-XC2-Dmax12-S2	RD 470/2021 EN 206
	Appearance	Gray	
	Maximum aggregate size	12 mm	EN 933-2
	Maximum water/cement ratio	<0,6	
	Minimum cement content	275 Kg/mm ²	
	Bulk density	2000 Kg/m ³	EN 1097-3
	Mass density	2200 Kg/m ³	EN 12350-6
Application	Mixing water	10%	
	Consistency of fresh concrete-Settlement	60-90 mm	EN 12350-2
	Performance	20 Kg/m ² and cm thickness	
Technical characteristics	Compressive strength	≥30 N/mm ²	EN 12390-3
Presentation	Plastic bags of 25 Kg. approx. Store, a maximum of 12 months from date of manufacture, in the original closed container, in a covered, dry and ventilated place.		

For safety precautions in the use, storage and disposal of the product, please refer to the Safety Data Sheet available on the web site www.aymarsa.es

NOTE: The information contained in this data sheet is based on our experience and on tests carried out in specialized laboratories. The characteristics of the resulting product will depend on the correct preparation and application on site by the user. If these conditions are not met, the characteristics indicated above will not be achieved.



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