

TECHNICAL SHEET	REINFORCED CONCRETE	RD 470/2021 EN 206	Standard designation HA25/B/8/XC2 Dmax 8-S2
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Revision: 01-14/02/2024

HA25/8mm - Water soluble sack

The HA25/8mm dry concrete in a water-soluble sack manufactured by AYMAR S.A.U. is a dry concrete with a fine finish supplied in an ecological sack that dissolves in the presence of water, leaving the physical and chemical properties of the concrete intact.

This system provides cleaner working conditions as it does not generate dust, safer as it avoids possible injuries when opening the bags and inhalation of dust, more sustainable as it does not generate waste and quicker.

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 additives to improve compressive strength.

Field of application

Dry concrete HA25/8mm is a quality concrete suitable for general construction works in environments with normal exposure, high humidity (XC2). Suitable for all types of masonry work; concrete for pavements, concrete for kerbs, concrete for filler, printed concrete, polished screeds... Particularly suitable for those applications where a fine finish is required.

Instructions for use

Preparation of the substrate:

- Clean and dampen the substrates before application and wait for the water film to disappear.
- Prepare it with suitable mesh for concrete reinforcement.

Preparation of the mixture:

- Always use clean running water.
- Put the bag into the concrete mixer (it is not necessary to open it).
- Add 3 - 3.5 litres of water per bag.
- Knead until a homogeneous paste is obtained.

Application of the sample:

- The minimum thickness of the application will be 4 cms, always allowing a complete compaction of the mass.
- Once the mixture has been kneaded, it will be applied before the beginning of setting.

Recommendations for 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.) may change the behaviour and characteristics of the product.

Technical data

Product	Appearance	Gray	
	Maximum aggregate size	8 mm	EN 933-2
	Maximum water/cement ratio	<0,6	
	Minimum cement content	275 Kg/mm ²	
Application	Mixing water	12-14%	
	Consistency of fresh concrete-Setting	60-90 mm	EN 12350-2
	Yield	20 Kg/m ² and cm thickness	
Final yields	Compressive strength	≥25 N/mm ²	EN 12390-3

For safety precautions for 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 technical sheet is based on our experience and on tests carried out in specialised 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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