mibo
PRODOTTI CHIMICI PER L'EDILIZIA E LAVORAZIONI MECCANICHE

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P. Iva 01619760240 – C.F. 01431670239

AGON CS

Highly concentrated synthetic-based foaming agent additive for the production of concrete with lightweight aggregates such as polystyrene, expanded clay, perlite and vermiculite.

TECHNICAL DATA

Ingredients	mix of surface active anions, glycols, alcohols and stabilising salts
Aspect	clear yellow/brown liquid, non nauseous odour
PH	7.7 +/- 0.5
Density	1.04 –1.08 gr/cc
Freezing point	- 3 °C
Chlorine salts	none
Viscosity at 10 °C **at 20° C**	max. 80 ctstok max. 50 ctstok
Incompatibilities	surface active cationics and derivatives
Storage	in a cool ventilated place, not expose to direct sunlight, at temperatures higher than 8 °C
Lifetime	in its sealed original container and in compliance with the indicated storage standards, approx. 2 years
C.O.D.	29000 mg/l for solutions at 3-6%. Biodegradable pursuant to the law
Solubility in water at 20°C	completely water-soluble
Consumption	inert (expanded perlite) from 1000l to 1250 l Agon CS® from 0,5 l to 1 l Cement type 32,5 or 42,5 from 200 kg to 330 kg Water from 300 l to 500 l depending on the use made

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APPLICATION FIELDS

Flat covering:
- to create sloping
- even surface for the direct application of waterproof membrane or isolating panels
- support resisting to heavy overloads

Leaning pitch covering:
- rigid support on which they can be directly applied roof tiles, slabs, etc.
- flat surface on which to apply under-tiles membranes

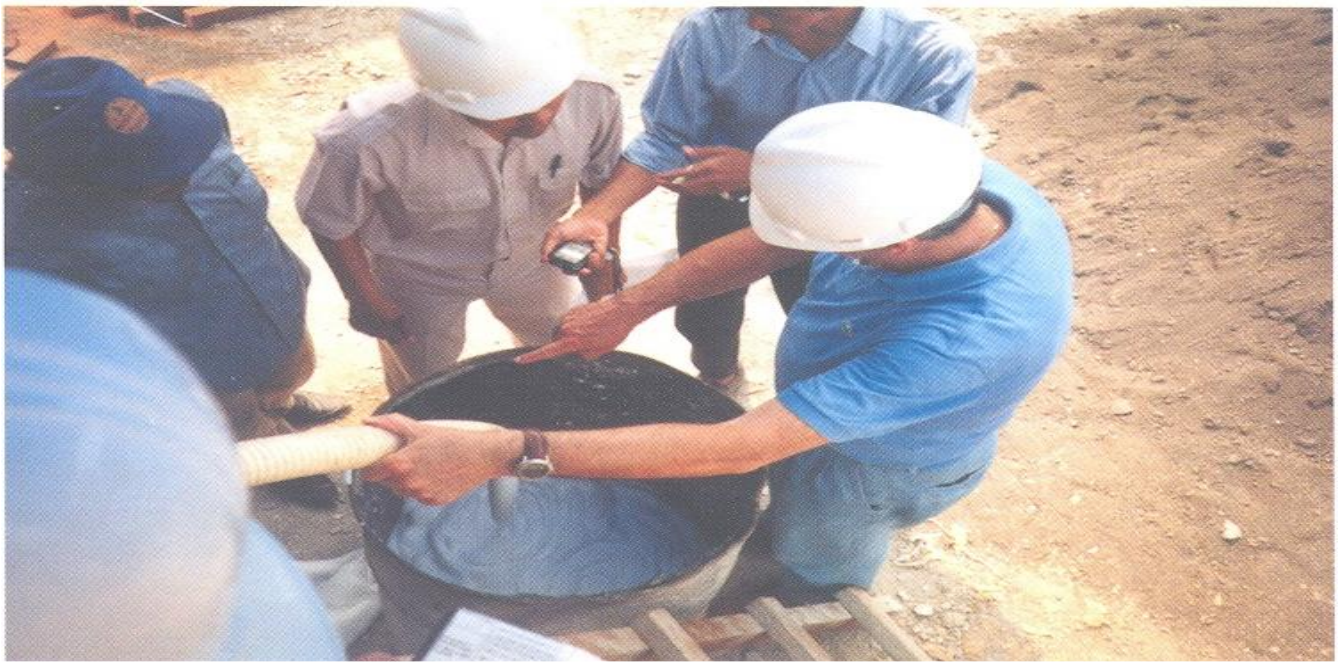
Ribbed sheeting coverings:
- smooth and even support for the direct application of waterproof membranes or of insulating panels
- creation of slope
- effective fireproofing

Re-roofing:
- correction of slopes without demolition
- perfect and tough wall plate for the new waterproof membrane (it can be cast directly over the existing waterproofing, including eventually the ballast gravel as well)

Mid-floors:
- perfectly even surface to lay the flooring systems on
- integration of the plants' net
- excellent sound insulator when combined with anti-treading felt

Under roof floors:
- Support resisting to heavy loads and treading
- Evening of surface

Floors on the bare ground:
- barrier to dampness when combined with a waterproof membrane



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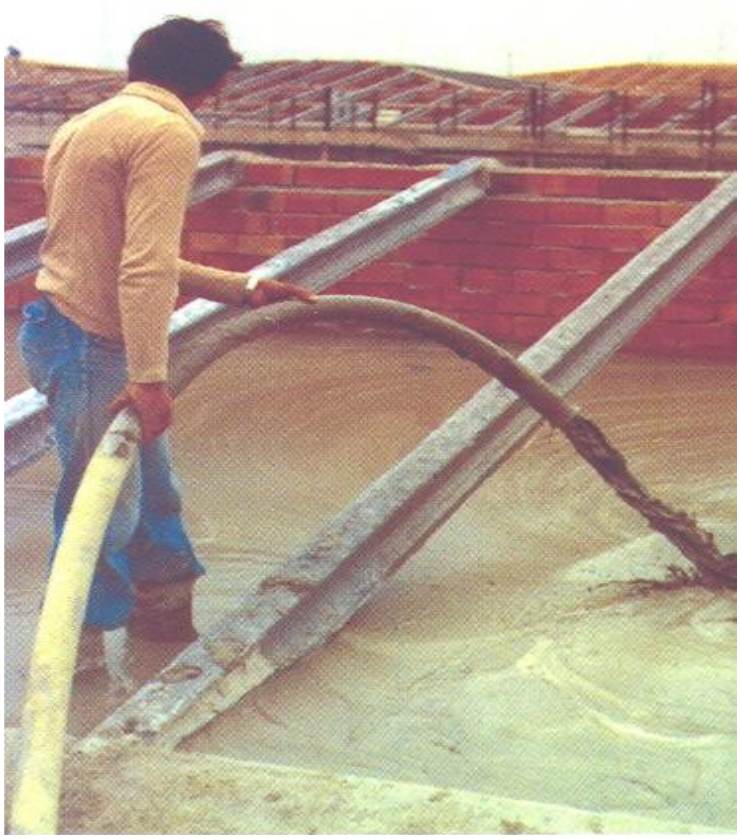
APPLICATION

Load 90% of the total water in the concrete mixer +0.2-0.4 l/m3 of AGON CS®.
Allow the concrete mixer to turn for 2-4 minutes at maximum speed.
Load the lightweight aggregate in the quantity per m3 recommended by the manufacturer and mix in the concrete mixer for at least 1 minute after the aggregate has been completely loaded at maximum speed.
Load the prescribed quantity of Portland R.325 or R.425 cement (and the sand) for the job. Load the remaining 10% of water in the concrete mixer and mix for at least 4 minutes at maximum speed. If a concrete mixer lorry is used for long-distance deliveries, turn the mixer for 3-6 minutes before unloading.
If unloading is interrupted for a number of minutes, before restarting the unloading procedure, turn the concrete mixer for 3-6 minutes at maximum speed to ensure that any burst foam will reform.



GUARANTEE

The products are produced with the best row materials available on the market in order to obtain a high quality product. Our guarantee covers the quality of the product but not its applications which cannot be under our control.