

PORCAL

PLASTICIZER AND AIRING EXTREMELY CONCENTRATED FOR CLASS WR MORTARS

The product is a plasticizer and water reducer which gives the mortar basic characteristics of quality according to the present needs. The addition of PORCAL improves chemical and mechanical mortar properties and its plasticizer effect makes that every component become wet and better united. So the product gives the following advantages: higher cohesion among the different materials, higher frost resistance, better adherence and more homogeneous mixtures. PORCAL also reduces little fissures and it acts as a water reducer, increasing mortar resistance.

USES

PORCAL is an ideal product for any kind of pieces (usual bricks, masonry, stuccos, tiles, etc.).

SURFACE PREPARATION

In bricks and ceramic floors it is preferable to wet the pieces before using them.

INSTRUCTIONS FOR USE

The product has to be mixed with a small part of the mixing water which will be poured out in the concrete mixer. Optimal mixing time is 4-5 minutes. It is important to adjust the dosage, because an over dosage does not give higher advantages, but it could damage the mortar.



CONSUMPTION

MORTAR DOSSAGE	
Cement bag 50 Kg of Portland cement:	7 ml
cement bag 35 Kg of Portland cement	5 ml

COLOUR

Amber.

PACKING AND STORING

PORCAL is packed in hermetic, according to EC packing and storing directives for chemical products.



HYGIENE AND SAFETY

See product label.

Specifications				
Main function:	Fluidizer R.A.			
Aspect	Transparent liquid			
Colour:	Amber			
Viscosity (Copa Ford nº4, 20°C):	180 ± 20 s			
Halogenure content (UNE 83.210):	Exempt			
PH (UNE 83.227):	8 ± 1			
Specific weight at 20°C (UNE 83.225):	1,02 g/cm ³ approx.			
Dry residuum at 105°C ± 3°C (UNE 83.205):	17,0 ± 2%			
Mortar compression resistance time variation (UNE 83.260) with constant water:				
Days	3	7	28	90
Min. dosage: 7 ml/50kg C.P.	99%	98%	102%	101%
Max. dosage: 19 ml/50kg C.P.	102%	101%	99%	100%
Mortar hardening time variation (UNE 83.260) with constant water:				
Min. dosage		Max. dosage		
Initial:	+ 6 minutes	Initial:	+ 30 minutes	
Final:	+ 10 minutes	Final:	+ 45 minutes	