CE

C.1

TECHNICAL DATA SHEET

hidroCal

CE

Hidrocal Revocos s.l.
Calle Metal nº 9 P.I. "San José Valderas"
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C.1

MORTAR C HidroCal

MORTAR FOR PLASTER/WHITEWASH MORTAR, UNE-EN 998-1:2010

Traditional lime mortar usable as plaster/whitewash mortar and other uses. It is usable as finishing touch on mixed mortar surfaces, cements or ceramic materials.
Its usage is specially recommended in restauration and rehabilitation because its perfect compatibility with the mortars and old materials.

• Fire reaction:	Clase A1
• Corrosive substances emissions:	CA
• Compression resistance:	C 1,9 N/mm^2
• Flexion resistance:	F 0,7 N/mm^2
• Dangerous substance:	Look at the safety data sheet

Technical data according to quality standards

Water knead			**28,0%**
1.- Shaken table consistency, UNE-EN 1015-3:2000			**165 mm**
2.- Apparent density in hardened dry mortar UNE-EN 1015-10:2000			**1.488kg/m^3**
3.- Time determination in working ability of Method A, UNE-EN 1015 9:2000			**90 minutes**
4.- Flexion and compression resistance UNE-EN 1015- 11:2000		Flexion	**0,7N/mm^2**
		Compression	**1,9 N/mm^2**
5.- Water absorption through capillarity, UNE- EN 1015- 18:2003		Coefficient between 10 and 90 min.	**1,5kg/(m^2 -min ^{0,5})**
		24 hours absorption	**25,3%**
6.- Adhesion on ceramic and concrete support UNE- EN 1015-12:2000		Concrete support	**0,2 MPa**
		Ceramic support	**0,2 MPa**
7.- Water steam permeability, UNE-EN 1015- 19:1999	Potassium Nitrate reactive	Permeance	**1,68x10^{-9} kg/m^2 • s • Pa**
		Permeability	**2,23x10^{-11} kg·m/m^2·s·Pa**
		Coefficient	**μ= 8,7**
	Lithium Chloride reactive	Permeance	**2,23x10^{-11} kg·m/m^2·s·Pa**
		Permeability	**2,21x10^{-11} kg·m/m^2·s·Pa**
		Coefficient	**μ= 8,8**