



CH.1

TECHNICAL DATA SHEET

Hidrocal Revocos s.l. Calle Metal nº 9 P.I. "San José Valderas" 28918-Leganés- Madrid CH.1	
MORTAR CH HidroCal <u>MORTAR FOR PLASTER/WHITEWASH MORTAR, UNE-EN 998-1:2010</u>	
<p>High damp-proof in relation to mass and high vapor transmission lime mortar. Usable as plaster/whitewash mortar and other uses. With high resistance to water and salts. Its usage is specially recommended as a finishing touch mortar in environments or zones with high humidity levels and/or salts presence or with extreme climate variations. The elevated permeability towards water steam that is present in the CH Hidrocal's mortar, allows the drainage of the damp parameter avoiding, in this way, salts migration.</p>	
• Fire reaction:	Clase A1
• Corrosive substances emissions:	CA
• Compression resistance:	C 1,9 N/mm ²
• Flexion resistance:	F 0,6 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/m³	
3.- Time determination in working ability of Method A, UNE-EN 1015 9:2000		140 minutes	
4.- Flexion and compression resistance UNE-EN 1015- 11:2000	Flexion	0,6N/mm²	
	Compression	1,9 N/mm²	
5.- Water absorption through capillarity, UNE- EN 1015- 18:2003	Coefficient between 10 and 90 min.	0,6kg/(m² ·min^{0,5})	
	24 hours absorption	21,7%	
6.- Adhesion on ceramic and concrete support UNE- EN 1015- 12:2000	Concrete support	0,3 MPa	
	Ceramic support	0,2 MPa	
7.- Water steam permeability, UNE- EN 1015- 19:1999	Potassium Nitrate reactive	Permeance	1,45x10⁻⁹ kg/m² · s · Pa
		Permeability	1,84x10⁻¹¹ kg·m/m² · s·Pa
		Coefficient	μ= 10,5
	Lithium Chloride reactive	Permeance	1,41x10⁻⁹ kg·m/m² · s·Pa
		Permeability	1,81x10⁻¹¹ kg·m/m² · s·Pa
		Coefficient	μ= 10,7

