

Test Report	Date	Laboratory	Subject	Standard	Results				
Report NO 20901-2 M1-a	04/11/2010	Cidemco Centro Tecnológico	Classification in Accordance with UNE-EN 13501-5:2005	UNE EN 13501-5:2005	Broof(t1)				
Report NO 20537 (M1)-a	05/11/2010	Cidemco Centro Tecnológico	Thermal Conductivity	-	0,068±0,004 W/mK (a 27°C)				
Report NO 19997-2 M1-a	04/11/2010	Cidemco Centro Tecnológico	Classification In Accordance with Une-EN 13501-1:2007	UNE EN 13501-1:2007	B-s2, d0				
Simplified Report NO 20543 (M1)-a	04/11/2008	Cidemco Centro Tecnológico	Difference in colour after ageing in accordance with UNE-EN ISO 4892-3:2006 (250 hours)	UNE-EN ISO 4892-3:2006	Color	ΔE			
					Red	1,91			
					Green	3,98			
			Determination of liquid water permeability	UNE-EN 1062-3:2008	0,12±0,01 kg/(m².h.0,5)				
					Determination of water vapour transmission properties	UNE-EN 12086:1998	0,01 m		
ACU 120/12	11/04/2012	ITeCons	Laboratory measurement of sound absorption (in a reverberation room)	NP EN ISO 354	0,11 (500Hz)		0,14 (630 a 800Hz)		
REV 002/13	26/02/2013	ITeCons	Pull-Off Test for Adhesion	NP EN ISO 4624:2004	1 Mpa, 10% A/B, 90% B				
HIG670/12	12/11/2012	ITeCons	Determination of the mechanical resistance of different materials coated with Corkwall after conditioning at (-2)°C	NP EN ISO 4624:2004	Support	Pull-off Test before cycles - MPa	Pull-off Test after cycles - MPa	Variation	
					Concrete slab	0,45	0,84	85,0%	
					EPS	0,25	0,52	108,7%	
REV005/13	26/04/2013	ITeCons	Determination of the mechanical resistance variation of concrete coated with Corkwall after conditioning at (-4)°C	NP EN ISO 4624:2004	Pull-off Strength (Room Temp.) - MPa	Pull-off Test (after conditioning and curing at -2°C) - MPa	Pull-off Test (after conditioning and curing at -4°C) - MPa		
					0,45	0,84	0,78		
HIG749/12	29/11/2012	ITeCons	Determination of the mechanical resistance of different materials coated with Corkwall after salt spray test	NP EN ISO 9227:2011 e NP EN ISO 4624:2004	Support	Pull-off Test before cycles - MPa	Pull-off Test after cycles - MPa	Variation	
					Concrete slab	0,45	0,7	53,2%	
					EPS	0,25	0,57	132,0%	
HIG750/12	29/11/2012	ITeCons	Determination of the mechanical resistance of different materials coated with Corkwall after exposure to filtered xenon-arc radiation	EN ISO 11341:2004 e NP EN ISO 4624:2004	Support	Pull-off Test before cycles - MPa	Pull-off Test after cycles - MPa	Variation	
					PVC	1,27	1,4	10,5%	
					Concrete slab	0,45	1,18	158,6%	
HIG753/12	29/11/2012	ITeCons	Determination of the specific heat of Corkwall coating material	-	1,979 J/(g.K)				
OMC086/12	21/08/2012	ITeCons	Determination of slip resistance by means of the pendulum test	NP EN 14231:2006	Support	Slip resistance value in wet conditions	Slip resistance value in dry conditions	Decrease	
					Concrete	84	55	34%	
					EPS	89	55	39%	
					Asbestos Cement	67	58	13%	
					Wood	86	56	34%	
Zinc	85	55	35%						
HIG374/12	26/07/2012	ITeCons	Determination of the mechanical resistance of different materials coated with Corkwall submitted to hydrothermal cycles (heat-cold)	NP EN ISO 4624:2004	Support Material	Pull-off Test before cycles - MPa	Pull-off Test after cycles - MPa	Variation	
					EPS	0,25	0,32	29,1%	
					Concrete slab	0,45	0,78	71,6%	
					PVC	1,27	1,51	18,9%	
RIA004/13	08/05/2013	ITeCons	Analysis of the evolution of heat transfer through systems with and without coating CORKwall	-	Provete		Resistência à Transferência de Calor		
					EPS+Zinco (with and without Corkwall)+EPS		More with Corkwall		
					EPS+MDF (with and without Corkwall)+EPS		More with Corkwall		
HIG375/12	26/07/2012	ITeCons	Determination of the mechanical resistance of different materials coated with Corkwall exposed to condensation - water atmosphere	NP EN ISO 4624:2004	Support Material	Pull-off Test before cycles - MPa	Pull-off Test after cycles - MPa	Variation	
					EPS	0,25	0,4	61,0%	
					Concrete slab	0,45	0,49	7,9%	
Report NO 20901-1 M1-a	04/11/2010	Cidemco Centro Tecnológico	Test for External Fire Exposure to roofs. Test 1: Method with Burning Torches in Accordance with UNE-ENV 1187:2003	UNE-ENV 1187:2003	External fire spread		Fire Penetration		
					NO		NO		
Report NO 19997-1 M1-a	04/11/2010	Cidemco Centro Tecnológico	Reaction To Fire Test in Accordance with UNE EN 13823:2002 and UNE EN ISO 11925-2:2002	UNE EN ISO 11925-2:2002	THP600 (MJ)	FIGRA 0,2MJ (W/s)	FIGRA 0,4MJ (W/s)	TSP 600s (m²)	SMOGRA (m²/s²)
					1,72	110,71	78,44		
					LFS	DROP T _{s10s}	DROP T _{s>10s}	153,47	30,69
					< to the edge	No	No		
Report NO 20008 (M1)-a	04/11/2010	Cidemco Centro Tecnológico	Measurement of Surface Temperatures And Heat Flow Under Radiation	UNE EN ISO 12543-4:1998		Fibre cement without coating	White Cork 14	White Cork 18	Natural Cork 10
					Exposed surface temperature (°C)	36,7	35,3	32,9	36,7
					Unexposed surface temperature (°C)	35,2	30,7	27,8	28,6
					Heat flow (W/m²)	237,4	123,3	99	166,2
Report NO 26233-a	28/10/2010	Cidemco Centro Tecnológico	Measurement of Surface Temperatures And Heat Flow Under Radiation	UNE-EN ISO 12543-4:1998		Fibre cement without coating	Natural Cork 13	White Cork 13	Natural Cork 10
					Exposed surface temperature (°C)	42,9	41,6	41,3	43
					Unexposed surface temperature (°C)	37,3	35,5	35	37,1
					Heat flow (W/m²)	122,2	64,4	65,8	100,1