

SIMPLIFIED TEST CERTIFICATE

No. 16/11770-294-S1

Bellaterra, 16th February 2016		Product:					
FLOWCRETE UK, LTD. FLOWCRETE BUSINESS PARK, BOOTH LANE MOSTON, SANDBACH CW11 3QF (United Kingdom)		DECKSHIELD ED2					
DIN V 18026:2006 - Surface protection systems for concrete products according to DIN EN 1504-2:2005 - Classification OS11							
Performance Tests		Results	Requirements				
1- Measurement of bond strength by pull-of , UNE-EN 1542:1999		3,0 MPa	Flexible systems		Rigid systems		
			Without trafficking	With trafficking	Without trafficking	With trafficking	
			≥0,8 MPa	≥1,5 MPa	≥1,0 MPa	≥2,0 MPa	
2-Determination of water-vapour transmission properties, UNE-EN ISO 7783:2012		0,2 mg/h	Diffusion-equivalent air layer thickness Sd				
			Water-vapour transmission rate	0,5 g/m ² * d	Class I	Class II	Class III
			Water-vapour Permeation Coefficient	1,7E-06g/m ² x dia x Pa	Sd < 5 m	5 ≤ Sd ≤ 50 m	Sd > 50 m
			Diffusion-equivalent air layer thickness Sd	41,5 m			
3- Determination of liquid water permeability, UNE-EN 1062-3:2008		0,07 Kg/m ² h ^{0,5}	W < 0,1 Kg/m ² *h ^{0,5}				
4- Determination of carbon dioxide permeability, UNE-EN 1062-6:2003		Carbon dioxide permeability	2,3 g/m ² ·d	Sd > 50 m			
		Diffusion-equivalent air layer thickness Sd	107 m				
		Diffusion resistance number μ	30661				
5- Freeze salt cycling with de-icing salt immersion & Thunder shower cycling, UNE-EN 13687-1 &2:2002		2,6 MPa	Flexible systems		Rigid systems		
			Without trafficking	With trafficking	Without trafficking	With trafficking	
			≥0,8 MPa	≥1,5 MPa	≥1,0 MPa	≥2,0 MPa	
6- Abrasion resistance (Taber), UNE-EN ISO 5470-1:1999		1791 mg	Weight loss < 3000 mg				
7- Determination of Slip resistance, UNE-EN 13036-4:2003		Dry test	96	Class I: > 40 Wet test Class II: > 40 Dry test Class III: > 55 Wet test			
		Wet test	70				