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SIMPLIFIED TEST CERTIFICATE

No. 16/11770-298-S1

Bellaterra, 16th February 2016	Product:
FLOWCRETE UK, LTD. FLOWCRETE BUSINESS PARK, BOOTH LANE MOSTON, SANDBACH CW11 3QF (United Kingdom)	**DECKSHIELD RAPIDE 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		2,1 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	**Water-vapour transmission**	0,1 mg/h	**Diffusion-equivalent air layer thickness Sd**			
	Water-Vapour transmission rate	0,4 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	50,5 m				
3- Determination of liquid water permeability, UNE-EN 1062-3:2008		0,0005 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**	2,1 g/m^2·d	Sd > 50 m			
	Diffusion-equivalent air layer thickness Sd	116 m				
	Diffusion resistance number μ	24827				
5- Freeze salt cycling with de-icing salt immersion & Thunder shower cycling, UNE-EN 13687-1 &2:2002		1,7 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 resitance (Taber), UNE-EN ISO 5470-1:1999		1487 mg	Weight loss < 3000 mg			
7- Determination of Slip resistance, UNE-EN 13036-4:2003	**Dry test**	101	Class I: > 40 Wet test Class II: > 40 Dry test Class III: > 55 Wet test			
	Wet test	71				

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