

SIMPLIFIED TEST CERTIFICATE

Nr. 11/3473-2091M1-S

Bellaterra, 25th November 2011

APLICACIONES TÉCNICAS DEL CEMENTO, S.L C/ Camilo José Cela 8, Bajo 03600 Elda (Alicante)		TECNOCEMENTO
SCREEDS MATERIAL AND FLOOR SCREEDS, UNE-EN 13813:2003		Results
1- Determination of bond strength, UNE-EN 13892-8:2003	Marble Support	2,1 N/mm²
	Soporte Terrazzo support	2,0 N/mm²
	Glazed tile support	1,0 N/mm² (support failure)
	Earthenware support	1,3 N/mm³
2- Determination of surface hardness, UNE-EN 13892-6:2003	Tecnocemento	45 N/mm²
	Tecnocemento Forte	50 N/mm²
3- Determination of liquid water permeability, UNE-EN 1062-3:2008		0,03 kg/m² h^{0,5}
4- Determination of flexural properties, UNE-EN ISO 178:2003		2,9 kN/mm²
5- Determination of slip resistance, UNE-ENV 12633:2003	Without microspheres	Class 1
	10% Microspheres	Class 2
	20% Microspheres	Class 3
6- Falling weight test, UNE-EN ISO 6272-1 Height of fall to which the first fissures are observed		>14,7 Nm At 1500 mm NO FAULTS. Diameter of the crater: 12,79 mm.
7- Determination of wear-resistance BCA, UNE-EN 13892-4:2003		40 µm
8- Determination of flexural and compressive strength, UNE-EN 13892-2:2003	Flexural	18 N/mm²
	Compressive	57,6 N/mm²
9- Resistance to severe chemical attack, UNE-EN 13529:2005		NO FAULTS Oil, water, coffe, bleach, coca- cola and hair dye