
















TEST

STANDARD

RESULTS

 Indoor air quality	UNI EN ISO 16000-9:2006	A+ Emission class
 Thermal resistance and thermal conductivity	ASTM E1530-11	$\lambda = 0,46$ (W/mK)
 Fire reaction	UNI EN 13501 EN 13501-1:2007 / A1:2009	A2FL -S1 European class
 Resistance to severe chemical attacks	UNI EN 13529 EN 13529:2003	Classe II Class No alteration and no reduction of Shore
 Determination of water vapour transmission properties	UNI EN 12086 EN 12086:1997	Class 1 : Sd < 5 m For applications as described in the technical data sheet
 Depth of penetration of water under pressure	UNI EN 12390-8 EN 12390-8:2009	No penetration
 Determination of bond strength	UNI EN 13892-8 EN 13892-8:2002	2,5 N/mm ² Class B 2,0
 Determination of Crack bridging properties	UNI EN 1062-7 EN 13529:2003	786 μ m Class A3 (> 500 μ m)
 Determination of the action of a chair with wheels: consists in to run a chair x 25.000 times on a Nano Toppingsurface, with a load of 90 kg	EN 425:2002	No defects found
 Determination of abrasion resistance	UNI EN 13892/4 EN 13892-4:2002	Max 50 μ l (50 μ l=0,05 mm) Class AR2
 Resistance to impact	UNI EN 6272 EN 6272:2011	Class 3 - IR>20 Sample intact after collision
 Determination of surface hardness	UNI EN 13892-6 EN 13892-6:2002	> 300 N/mm ² (SH 200)
 Indentation using plate specimens	UNI EN 12697-20-21 EN 12697-20	Classe IC10 (UNI EN 13813) Class IC10 (UNI EN 13813) Indentation 0,1 mm
 Resistance to indentation	EN 1534:2000 EN 1534:2010	9,6 kg/mm ² Load evaluating unit area of residual impression
 Determination of the slip resistance / friction of a surface	UNI EN 13036-4 EN 13036-4:2011 DIN 51130:2014	Classes 2 MT-Base coat Class 2 MT-Base coat + 2 MT-Finish coat R11 2 MT-Base coat + 1MT-HP + Ideal PU78 R10 2 MT-Base coat + 1MT-HP + Ideal PUWB Sample polished with sandpaper - grade 60

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