

Test	Test Regulation	Application Test Result	WR1 EG / EGR Test Result
Specific weight	ASTM	$\geq 1,45 \text{ g/cm}^3$	$\geq 1,45 \text{ g/cm}^3$
Resistance to surface wear	EN 438-4:2005	P. I. > 150 Wear value > 350	
Resistance to scratching	EN 438-4:2005	Rating 2 for matt surface lavorate Rating 3 for textured surfaces	
Resistance to wet heat	EN 438-4:2005	Rating 3 for glossy finish Rating 4 for the other ones	
Resistance to immersion in boiling water	EN 438-4:2005	Mass increase:/Thickness increase: % (max) 2 mm $\leq t < 5$ mm 5% t \geq 5 mm \leq 2% Appearance: Glossy finish \geq 3 Other finishes: \geq 4	
Dimensional stability at elevated temperature	EN 438-4:2005	% (max) 2 mm $\leq t < 5$ mm L 0,40 T 0,80 t \geq 5 mm L 0,30 T 0,60	% (max) 2 mm $\leq t < 5$ mm L \leq 0,40 T \leq 0,80 t \geq 5 mm L \leq 0,30 T \leq 0,60
Resistance to impact by large diameter ball	EN 438-4:2005	2 mm $\leq t < 6$ mm 1.400 mm t \geq 6 mm 1.800 mm	2 mm $\leq t < 6$ mm 1.400 mm t \geq 6 mm 1.800 mm
Resistance to staining	EN 438-4:2005	No change Rating 5 for groups 1 and 2 Rating 4 for group 3	No change Rating 5 for groups 1 and 2 Rating 4 for group 3
Resistance to dry heat (180°)	EN 438-4:2005	Rating: Not worse than 3 for glossy finish or 4 for other finishes	
Resistance to cigarette burns	EN 438-4:2005	Appearance: Degree \geq 3	
Resistance to water vapour	EN 438-4:2005	Appearance: Glossy finish 3, other finishes 4	
Resistance to climate change	EN 438-6:2005		Appearance: \geq 4 Flexural strenght: 0,95 Flexural module: 0,95
Flexural module	EN 438-6:2005		\geq 9,000 Mpa
Strength to tensioning	EN 438-6:2005		\geq 60 MPa
Resistance to UV rays	EN 438-6:2005		Contrast 3 after 1,500 hrs Appearance rating 4 after 1,500 hrs
Resistance to atmospheric agents (moderate use)	EN 438-6:2005		Gray scale rating 3 after 750 hrs exposure Appearance 4 after 750 hrs exposure
Resistance to atmospheric agents (severe use)	EN 438-6:2005		Gray scale rating 3 after 1,500 hrs exposure Appearance rating 4 after 1,500 hrs exposure
Resistance to humidity	EN 438-6:2005		Mass: 2 \leq t < 5 7 T \geq 5 5 Appearance: \geq 4
Standard board size	4200 x 1860, 4200 x 1620, 3200 x 1620, 3050 x 1300, 2800 x 1300, 2150 x 900 mm		

