



## Declaration of Conformity

### CLADEX LTD , area Almalak Omondrost , 2850 Petrich BULGARIA

According construction directive provisions CLADEX LTD declare, that the product HPL satisfy characteristics below under 89/106EEC, HPL boards - Product specification and test methods.

Provided (in to) Apply (for):

- internal and external wall and ceiling finish

COMPACT LAMINATE PANELS: Wood & Plain Decorative Paper brown / black core.

Thickness (mm) : 6,7,8,9,10,11,12,13,14,15.

Has the characteristics :

Properties	Test method	Measurement units	EN 438-6 EN 438-4 EGF
<b>Dimensional stability at elevated temperature</b>	EN 438-4	%	2 mm ≤ t ≤ 5 mm L 0,40 T 0,80 t ≥ 5 mm L 0,30 T 0,60
<b>Specific weight</b>	ASTM	g/cm <sup>3</sup>	≥1.45
<b>Flexural module</b>	EN 438-6:2005	Mpa	L ≥ 10.500 C ≥ 9.000
<b>Tensile strength</b>	EN 438-6:2005	Mpa	L ≥ 90 C ≥ 60
<b>Resistance to impact large diameter ball</b>	EN 438-4:2005	mm	2 mm < t < 6 mm 1.4 mm t > 6 mm 1.8 mm
<b>Reaction to fire</b>	EN 13501-1:2002	t ≥ 6 mm	B-S1,d0
<b>Resistance to humidity</b>	EN 438-6:2005	Class (table)	2 ≤ t ≤ 5 7 t ≥ 5 App. ≥ 4
<b>Resistance to UV rays</b>	EN 438-6:2005	Grey Scale(1-5) Class (1-5)	Contrast 4 after 3000 h Rating 4 after 3000 h
<b>Resistance to atmospheric agents (severe use)</b>	EN 438-6:2005	Gray scale rating Appearance rating	3 after 1500 hours exposure 4 after 1500 hours exposure
<b>Resistance to Salt</b>	ISO 4611	Duration : 500h / no visible change after visual assessment	
<b>Resistance to SO2</b>	DIN 50018	Class (1-5)	≥ 4 ( 50 cycles)
<b>Resistance to Scratching</b>	EN 438-4:2005	Class (1-5)	Rating 2 for matt surface Rating 3 for textured surfaces
<b>Resistance to impresion in boiling water</b>	EN 438-4:2005	%	2mm ≤ t ≤ 5mm ≤ 5% t > 5mm ≤ 2% Appearance: glossy finish ≥ 3 Other finishes ≥ 4
<b>Resistance to staining</b>	EN 438-4:2005	Class (1-5)	No change. Rating 5 for groups 1&2 (smooth surf.) Rating 3 for group 3 (textured surf.)
<b>Resistance to climate change</b>	EN 438-4:2005	Class (1-5)	Rating 5 for groups 1 and 2 (smooth) Rating 4 for group 3 (textured)

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