

**DECLARATION OF PERFORMANCE**  
**04PPW202015555**



<p><b>1. Product type</b> Unique identification code of the product type</p>	<p>Worktops Chipboard E1-P5 with HPL surface: Fine hamer-blow (FH), Fine grain (FK), Grafica (GA), Structura (SU) and Natura (NA)</p>
<p><b>2. Type</b>, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4)</p>	<p>Relevant productidentification are located either on-product, or package labelling</p>
<p><b>3. Intended use</b> or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:</p>	<p>In building newly build and renovated, inside the premises with exception of those constantly exposed on water or steam (such as baths and pools) EN 438 + EN 312</p>
<p><b>4. Name</b>, registered trade name or registered trade mark and contact adress of the manufacturer as required under Article 11(5)</p>	<p>Plastica Plaat BV Industrieweg 92 5145 PW Waalwijk</p>
<p><b>5. Contact</b> address of the authorised representative whose mandate covers the tasks specified in Article 12(2)</p>	<p>Not relevant (see 4)</p>
<p><b>6. System</b> or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: AVCP Systeem:</p>	<p>System 4</p>
<p><b>7. Notified body</b> In case of the declaration of performance concerning a construction product covered by a harmonised standard (EN 438 + 312)</p>	<p>Not relevant</p>



Worktops

5. Declaration of performance

**LAMINATE CPL**

Property	Test method	Property or attribute	Unit	Values
TT sickness tolerance	EN 438-2.5	thickness (t)	mm	0,4 ± 0,08 0,5 ≤ t ≤ 0,8 ± 0,10 where t: is nominal
Resistance to surface wear	EN 438-2.10	wear resistance	revs	IP ≥ 150 A ≥ 350
Resistance to impact stress with a small ball bearing	EN 438-2.20	spring force	N	≥ 15
Resistance to dry heat (180 °C)	EN 438-2.16	appearance	rating	≥ 4
Resistance to scratching	EN 438-2.25	appear. groups 1-2 appear. groups 3	rating	≥ 3
Resistance to staining	EN 438-2.26	force	rating	5 ≥ 4
Resistance to steam	EN 438-2.14	appearance	rating	≥ 4
Density	ISO 1183	density	g/cm <sup>3</sup>	600-720
Lightfastness (Xenon arc lamp)	EN 438-2.27	contrast	gray scale	4 - 5
Swelling behaviour	DIN EN 317	appearance	-	24h max. 1% 2h max. 4%
Bending strength	DIN EN 310	-	N/mm <sup>2</sup>	> 9,0
Internat bond	DIN EN 319	-	N/mm <sup>2</sup>	> 0,2
Surface soundness*	DIN EN 311	-	N/mm <sup>2</sup>	≥ 1,0

\*- values might be lower for full pearlescent decors and therefore these decors are not recommended for horizontal applications.

### LAMINATE HPL

Property	Test method	Property or attribute	Unit	Values
Thickness tolerance	EN 438 -2.5	thickness (t)	mm	0,5 ≥ t ≥ 1,0 ± 0,10 1,0 ≥ t ≥ 2,0 ± 0,15 where t: is nominal
Flatness	EN 438-2.9	maximum deviation	mm/lm	60
Resistance to surface wear	EN 438-2.10	wear resistance	revs	IP ≥ 150 A ≥ 350
Resistance to immersion in boiling water	EN 438-2.12	appearance gloss finish appearance other finishes	rating	≥ 3 ≥ 4
Resistance to dry heat (180 °C)	EN 438-2.16	appearance gloss finish appearance other finishes	rating	≥ 3 ≥ 4
Resistance to wet heat (100 °C)	EN 12721	appearance gloss finish appearance other finishes	rating	≥ 3 ≥ 4
Dimensional stability at elevated temperature	EN 438-2.17	cumulative dimensional change	% long. % transv.	≤ 0,55 ≤ 1,05
Resistance to impact by small diameter ball	EN 438-2.20	spring force	N	≥ 20
Resistance to cracking	EN 438-2.23	appearance	rating	≥ 4
Resistance to scratching *	EN 438-2.25	force	rating	≥ 3
Resistance to staining	EN 438-2.26	appear. groups 1-2 appear.groups 3	rating	5 ≥ 4
Resistance to steam	EN 438-2.14	appearance gloss finish appearance other finishes	rating	≥ 3 ≥ 4
Resistance to blistering	EN 438-2.34	time	sec.	t < 0,8 mm: ≥ 10 t ≥ 0,8 mm: ≥ 15
Density	ISO 1183	density	g/cm <sup>3</sup>	≥ 1,40
Lightfastness	EN 438-2.27	contrast	grey scale rating	≥ 4

\* HPL glossy structure with protective foil

## LAMINATE AFX

Property	Test method	Property or attribute	Unit	Values
Thickness tolerance	EN 438-3. 6,3	thickness (t)	mm	0,65 – 0,70
Flatness	EN 438-3. 6,3	maximum deviation	mm/m	0,50 – 0,60
Resistance to surface wear	EN 438-2.10	wear resistance	Revs (min)	350
Resistance to immersion in boiling water	EN 438-2.12	appearance	rating	≥ 4
Resistance to dry heat (160 °C)	EN 438-2.16	appearance	rating	≥ 4
Resistance to wet heat (100 °C)	EN 12721	appearance	rating	≥ 4
Dimensional stability at elevated temperature	EN 438-2.17	cumulative dimensional change	% (max.) % (max.)	≤ 0,32 ≤ 0,50
Resistance to impact by small diameter ball	EN 438-2.20	Spring force	N	≥ 25
Resistance to scratching	EN 438-2.25	force	rating	≥ 3
Resistance to staining	EN 438-2.26	appear. Groups 1-2 appear.groups 3	rating	5 ≥ 4
Resistance to steam	EN 438-2.14	appearance gloss finish appearance other finishes	rating	≥ 3 ≥ 4
Density	ISO 1183	density	g/cm <sup>3</sup>	≥ 1,40
Lightfastness(Resistant to color change in Xenon-arc )	EN 438-2.27	contrast	grey scale rating	≥ 5

\* AFX structure with protective foil

\* AFX laminates only for square edge uses (no postforming possibility)

## CHIPBOARD

### P2 according to EN-312- standard and green coloured

Property	Requirement	Unit	Test methode
Thickness tolerance	+/- 0,3	mm	EN 324-1
Length and width*	± 5	mm	EN 324-1
Edge straightness tolerance*	1,5 mm per m	-	EN 324-2
Squareness tolerance*	2 mm per m	-	EN 324-2
Moisture content	5 - 13	%	EN 322
Tolerance on the mean density within a board*	± 10	%	EN 323
Formaldehyde	Content ≤ 8 mg/100 g oven dry board <sup>d</sup>	mg/100g	EN 120
Class E1	Release <sub>c</sub> ≤ 0/124 mg/m <sup>3</sup> air	mg/ m <sup>3</sup> air	EN 717-1

\* These values are characterized by a moisture content in the material corresponding to a relative humidity of 65% and a temperature of 20°C

b) The perforator values apply to boards with moisture contents H of 6, 5%. In the case of particleboards with different moisture content (range of  $3\% \leq H \leq 10\%$ ), the perforator values shall be multiplied by a factor which can be calculated from the following equation:  $F = -0,133H + 1,86$

c) Required for initial type testing other than for established products where initial type testing may also be done on the basis of existing data with EN 120 or EN 717-1 testing, either from factory production control or from external inspection.

d) experience has shown that to ensure compliance with these limits, the rolling average of the EN 120 values found from the internal factory production control over a period of 1/2 year should not exceed 6,5 mg HCHO/100g panel mass.

### ADHESIVES

All adhesives used are consistent with EN 204.