

Chipboard not recycled to be used in internal place (type P2 according to EN 312) faced on the top side with melamine décor patterns through a pressing process.

Available on request FSC-COC, water and fire resistant

## **SURFACE CHARACTERISTICS**

RESISTANCE TO ABRASION	EN 14323	Printed Class 1, Solid colors Class 3A
RESISTANCE TO STEAM	EN 14323	≥ Level 4
RESISTANCE TO SCRATCH	EN 14323	≥ 1,5N
RESISTANCE TO STAIN	EN 14323	Group 1 e 2, class ≥ 4
RESISTANCE TO LIGHT	EN 14323	≥ 6 blue wool scale
RESISTANCE TO CRACKS	EN 14323	Class ≥ 3
RESISTANCE TO DRY HEAT	EN 12722	Class B
TENDENCY TO KEEP DIRT	UNI 9300	Level ≥ 4

### **RESISTANCE TO STAIN EN 12720**

PRODUCTS	16 HRS*
Acetone	5
Coffee	5
Acetic acid 10%	5
Ammoniac 10%	5
Red wine	5
Citric acid 10%	5
Cleaning solution	5
Stamp Ink	5
Ethanol 48%	5
Ethyl buthyl acetate 1:1	5
Olive oil	5
Paraffine oil	5
Sodium carbonate 10%	5
Sodium chloride 15%	5
Tea	5
Distilled water	5
Bier	5

### **RESISTANCE TO CLEANING PTP 53/95**

PRODUCTS	24 HRS*
Aiax Bagno antibatterico	5
Bleach Ace	5
Ammoniac 10%	5
Alcohol 90%	5
Lyso-Form casa	5
Viakal	5
Vetрил	5
Vim Liquido	5
Mastro Lindo	5
Pronto Legno pulito	5

**\* Legenda**

- Level 5 - No visible change
- Level 4 - Slight change, only visible at certain angles
- Level 3 - Moderate change of gloss and/or color
- Level 2 - Marked change of gloss and/or color
- Level 1 - Surface distortion and/or blistering

## CHIPBOARD CHARACTERISTICS

Composition	Wood	trunks, stems, branchwood, billets, root collars, fast-growth trees and shrubs, residues from the sawing, veneer cutting, stripping and carpentry of broadleaves and coniferous species.							78 - 88%
	Adhesive	Urea – formaldehyde glue							7 - 9%
	Additives	Water							5 - 13%
		Ammonium sulphate							0,2%
		Paraffin							Tracce
Density		EN 323	500 - 700 Kg/m <sup>3</sup>						
Moisture content		EN 322	5 - 13%						
Formaldehyde content		EN 120	Class E1		<8mg/100g				
		ASTM E1333-96	CARB (2)		<0,09ppm				
Dimension tolerances	Thicknes vs nominal value		EN 14323	≤15mm +/-0,2mm >15mm +/-0,3mm					
	Thickness within same panel			+/-0,3mm					
	Lenght and width			+/-5mm					
Planarity (both sides melamine faced)		EN 14323	≤2mm/m						
Surface difects		EN 14323	Spots:		≤2 mm <sup>2</sup> /m <sup>2</sup>				
			Lenght:		≤20 mm/m <sup>2</sup>				
Requirements	Stand.	>3mm ≤4mm	>4mm ≤6mm	>6mm ≤13mm	>13mm ≤20mm	>20mm ≤25mm	>25mm ≤32mm	>32mm ≤40mm	>40mm
Internal bonding N/mm <sup>2</sup>	EN 319	> 0,45	> 0,45	> 0,40	> 0,35	> 0,30	> 0,25	> 0,20	> 0,20
Bending strenght N/mm <sup>2</sup>	EN 310	> 13	> 15	> 14	> 13	> 11,5	> 10	> 8,5	> 7
Elasticity modulus N/mm <sup>2</sup>	EN 310	> 1800	> 1950	> 1800	> 1600	> 1500	> 1350	> 1200	> 1050
Surface delamin. N/mm <sup>2</sup>	EN 311	> 0,8	> 0,8	> 0,8	> 0,8	> 0,8	> 0,8	> 0,8	> 0,8
Swelling H <sub>2</sub> O 24hr (*) V100	EN317	-	-	< 11%	< 10%	< 10%	< 9%	< 9%	< 9%
Int. bond. after H <sub>2</sub> O N/mm <sup>2</sup> (*) V100	EN1087			> 0,15	> 0,14	> 0,12	> 0,11	> 0,10	> 0,09

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## **A RICHIESTA**

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FSC-COC	FSC-STD-40-004 v. 2-0	ICILA-COC-000343
IDRO	EN317	V100 see table (*)
FIRE RESISTENT	EN 13986 EN 13501-1	B-s2, d0

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## **STORAGE**

Keep the goods in a dry and ventilated place (relative humidity 35%-65%). Do not store with easily inflammable substances. If exposed to ultraviolet rays of the sun the panel may deteriorate. Avoid creating unmanageably high and unstable stacks..

## **HANDLING**

To avoid warping or damp stains place the panels on pallets with suitable spaces. Use suction pads or gloves when handling the panels. Machinery and equipments must be fitted with appropriate aspiration devices.