

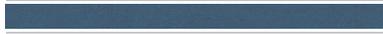


Product Information

1. Product Information

FORESCOLOR is a wood fibre panel coloured throughout, for interior applications, available from a thickness of 5mm. Ideal for coverings, furnishings and design objects and easy to transform and finish. Finishes and fixing systems are identical to those used for wood. It can be machined using digital control milling (CNC) or laser machines. Other techniques can be used, such as digital printing.

FORESCOLOR

Product: 1220mm X 2440mm		Thickness (mm)		
	Red	5	8	19
	Orange	5	8	19
	Yellow	5	8	19
	Green	5	8	19
	Blue	5	8	19
	Brown	5	8	19
	Light Gray	5	8	19
	Gray	5	8	19
	Black	5	8	19

a) The formaldehyde emission of FORESCOLOR is classified E0 grade (EN-717-1).

b) Other thicknesses available on request.

c) FORESCOLOR FR (Fire Retardant) and FORESCOLOR NAF (No Added Formaldehyde) available on request.

d) Due to wood's natural tone variations, FORESCOLOR may present different tones.

2. Applications



- Hotel, Restaurant Interior
- Interior material for commercial or office facilities



- Door, Moulding



- Furniture, Interior decoration



- Kitchen, Bathroom, Wall Panel Interior



- Exhibition booth, Stage, Sign



- Toy, Educational tool

3. Technical Specifications

Attribute Classification			Standard Figures				
Proprieties	Standard	Unit	5	8 / 9	12	15 / 16	18 / 19
Thickness	EN 324-1	mm	5	9	12	15	18
Density	EN323	kg / m ³	860	780	760	740	740
Moisture Content	EN322	%	7 ± 2.0				
Thickness Swelling/ 24h	EN 317	%	18	12	10	8	8
Internal Bond	EN 319	N/mm ²	1.00	0.80	0.80	0.80	0.75
Bending Strength	EN 310	N/mm ²	35	35	35	35	30
Modulus of Elasticity	EN 310	N/mm ²	≥3000	≥3000	≥2800	≥2700	≥2700
Sweling After Cyclic Test	EN 321	%	25	19	16	15	15
Internal Bond After Cyclic Test	EN 321	N/mm ²	0.35	0.30	0.25	0.20	0.20



Product information

4. General Specifications

Attribute Classification			Standard Figures				
Properties	Standard	Unit	5	9	12	15	18
Tolerance (Thickness)	EN 324-1	mm	± 0.2	± 0.2	± 0.2	± 0.2	± 0.2
Tolerance (Length & Width)	EN 324-1	mm/m	± 3.0	± 3.0	± 3.0	± 3.0	± 3.0
Tolerance (Squareness)	EN 324-2	mm/m	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2
Tolerance (Edge Straightness Length & Width)	EN 324-2	mm/m	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Tolerance (Density)	EN 323	%	7	7	7	7	7
Formaldehyde Emission (E0 Class)	EN 120		Class E1/ Class E0 in desicator method				

5. Advantages



Moisture Resistant

- FORESCOLOR has high moisture resistance due to high melamine content of resin used. It can be used where humidity is a concern such as kitchens, bathrooms, with proper finishing.



Color Throughout

- Consistent color distribution from surface to all the way through.



Non Toxic

- The formaldehyde emission of FORESCOLOR is classified E0 grade (with desicator method).
- Non toxic and excellent color-fastness due to use of special resin and organic dye.



Tool Friendly

- Due to its excellent density profile and high melamine content of resin used, there is little or no sanding required after machining.

On request



Fire Retardant

- **Fire Retardant is also available (Class B-s2, d0).**



No Added Formaldehyde

- No formaldehyde resin is used during the manufacturing process.

6. Certifications

