



Product Data Sheet

1. Production Information

FORESCO FR is flame retardant product due to combination of FORESCO's flame retardant and resin technology. It can be used with other fire retardant surface materials and it is suitable interior product for Fire service act and building regulation.

FORESCO FR is superior flame retardant product by impregnating the fibers with halogen-free flame retardant. It is a wood based panel that passively inhibits the spread of fire and smoke. In case of fire, the properties of FR board enables safer evacuation.

2. Technical Specifications

Attribute Classification			Standard Figures			
Properties	Standard	Unit	9	12	15	18
Thickness	EN 324-1	mm	9	12	15	18
Density	EN 323	kg/m ³	720	720	700	700
Moisture Content	EN 322	%	7 ± 2.0			
Thickness Swelling/24hr	EN 317	%	17	15	12	12
Internal Bond	EN 319	N/mm ²	0.80	0.80	0.80	0.75
Bending Strength	EN 310	N/mm ²	35	35	30	30
Modulus of Elasticity	EN 310	N/mm ²	≥3000	≥3000	≥2500	≥2500
Fire Reaction	EN 13501		Class B-s2, d0			

3. General Specifications

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

4. Advantage



Flame Retardant

· Flame Retardant is also available
(Class B-s2, d0)



Tool Friendly

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

5. Certification

