



Product Data Sheet

1. Production Information

FORESPURE NAF(No Added Formaldehyde) MDF is the most eco-friendly product manufactured using a process whereby no formaldehyde resin is added.

The **FORESPURE** NAF MDF is manufactured based on natural vegetable adhesive from soy. Its ultra low formaldehyde emissions are no greater than those released by a tree in nature.

FORESPURE NAF is ideal for all interior application in multiuse facility which is sensitive of indoor air quality.

2. Technical Specifications

Attribute Classification			Standard Figures				
Properties	Standard	Unit	6	9	12	15	18
Thickness	EN 324-1	mm	6	9	12	15	18
Density	EN 323	kg/m ³	780	760	740	720	720
Moisture Content	EN 322	%	7 ± 2.0				
Thickness Swelling/24hr	EN 317	%	30	17	15	12	12
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	≥2500	≥2500

3. General Specifications

Attribute Classification			Standard Figures				
Properties	Standard	Unit	6	9	12	15	18
Tolerances (Thickness)	EN 324-1	mm	± 0.2	± 0.2	± 0.2	± 0.2	± 0.2
Tolerances (Length & Width)	EN 324-1	mm/m	± 3.0	± 3.0	± 3.0	± 3.0	± 3.0
Tolerances (Squareness)	EN 324-2	mm/m	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2
Tolerances (Edge Strightness Length&Width)	EN 324-2	mm/m	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Tolerances (Density)	EN 323	%	7	7	7	7	7
Formaldehyde Emission (NAF)	KS F 3200	mg/ ℓ	≤0.05 (Not detected)				

4. Advantage



No Added Formaldehyde

· No formaldehyde resin is used during the manufacturing process.



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

