



Why choose **evosure** tempered?



SUPERIOR STRENGTH: By adding tempering oil to Evosure Original, Evosure Tempered boasts a high density, tensile strength, structural strength and internal bond. It is also durable, resistant to abrasions, will not split, splinter or crack.



GREEN: Our products are formaldehyde free, carry an e-zero emission rating, and are manufactured in accordance with FSC™ regulations using natural binders.



MOISTURE RESISTANT: This tempered hardboard has excellent water resistant properties and is manufactured specifically for outdoor use on semi-exterior doors, furnishings and finishes.



EASY WIPE: Evosure Tempered is easy to clean. Simply use mild soapy water to remove dust and dirt from the surface of the hardboard. Evosure Tempered also has a smooth surface for paint finishes.



SUPA-FLEX: Inherently flexible without compromising on durability, Evosure Tempered can be easily bent and curved into shape as necessary making it suited to a variety of applications.



ANTI-WARP: Evosure Tempered is denser than other thin board substitutes on the market (MDF and HDF), making it less prone to warping while still remaining lightweight.

General uses of **evosure** tempered

Partitioning
Built-in Cupboards
Case Goods
Site Office Interiors
Exterior Cladding
Packaging
Shuttering
Posters / Picture Backs
Automotive Interiors
Internal & External Doors
Flooring (Underlay)
Signs
Wall Panelling
Shop Fitting
Garden Sheds

Physical properties of **evosure** tempered

PROPERTY	UNIT	SPECIFICATION		
Nominal Thickness	mm	3.2	4.8	6.4
Thickness Tolerance	mm +/-	0.4	0.4	0.5
Mass	kg/m ² approx	3.2	4.8	6.4
Density	kg/m ³ min	960	960	960
Bending Strength (M.O.R) Modular of Rupture	MPa min	50	50	50
Internal Bond Strength	MPa min	1.0	1.0	1.0
Shear Resistance	MPa Av	40	40	40
Lateral Nail Holding Ability (Using a 3mm Diameter Pin)	N/mm Thick min	125	125	125
Water Absorption After 24 hrs. Immersion at 20°C	% max	24	20	15
Thickness Increase After 24hrs in Water at 20°C	% max	16	16	14
Thickness Increase from 33% to 90% RH at 20°C	% max	7	7	7
Unequal Expansion/Contraction Range 33% to 90% RH at 20°C	%	0.25	0.25	0.25
Thermal Conductivity (k)	W/m°C Av	0.14	0.14	0.14
Thermal Resistance (R)	m ² °C/W Av	0.025	0.034	0.046
SIZE SPECIFICATIONS: 5490 x 1220mm 4880 x 1220mm 3660 x 1220mm 3050 x 1220mm 2745 x 1220mm 2440 x 1220mm 1830 x 1220mm				

We offer a wide range of premium quality hardboard, softboard and door skin products.



evosure original



evosure fincote



evosure tempered



evosure cornice



evosure divider board



evosure pegboard



evosoft original



evosoft primecote



evosoft flexijoint

evodoor

We stock a range of pre-coated, sealed and primed door skins for interior use.

Proudly brought
to you by Evowood:



The mark of
responsible forestry
FSC® C108473

