

COOSA Bluewater 26 consists of polyurethane foam filled throughout with layers of continuous-strand fibreglass and woven roving fibreglass. Bluewater 26 is manufactured to a composite density of 415kg/m³, and is an excellent replacement for wood fibre materials offering superior resiliency and endurance. Coosa Bluewater 26 sheets are 1220mm x 2440mm and are sanded on both sides to enhance lamination and adhesion qualities.

Not subject to water rot or insect infestation, Bluewater 26 has very low water absorption, approx 1% or less, and will not deteriorate around fasteners due to moisture condensation.

Typical applications include marine: transoms, stringers, bulkheads, hatch lids and decking; industrial: wall panels, museum exhibits, cabinetry and instrument/transport cases; transportation: floors.

COOSA PROPERTIES - BLUEWATER 26 - 19 mm

Compressive Strength	(ASTM C-365)	6.4 MPa
Compressive Modulus	(ASTM C-365)	137.3 MPa
Shear Strength	(ASTM C-273)	4.0 MPa
Shear Modulus	(ASTM C-273)	32.6 MPa
Flexural Strength	(ASTM D-790)	29.8 MPa
Flexural Modulus	(ASTM D-790)	1931MPa

WEIGHT COMPARISONS 1200x2400mm sheet

Thickness	Bluewater 26	Plywood
12.7 mm	16.10 kg	21.8 kg
15.9 mm	19.96 kg	25.5 kg
19 mm	24.04 kg	31.8 kg
25.4 mm	31.98 kg	43.6 kg

BLUEWATER 26 - 19 mm

Fastener Pull Test (ASTM 1761)	61.23 kg
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PROCESSING

Excellent bonding characteristics can be achieved with a variety of resins, and the panels can be attached to other materials using screws, staples or adhesives, and the panels can be machined with standard wood working tools.

Dust needs to be removed prior to additional lamination or bonding.

Gloves, dust mask and safety glasses should be worn when cutting Coosa products.

Order Code*	Description	Nominal Weight kg/m ²
B26 019	19mm COOSA Bluewater 26	7.7
B26 025	25.4mm COOSA Bluewater 26	10.5

Sheet size 1220 x 2440mm Alternative thicknesses available
Note - Other thicknesses can be sourced for quantity purchases.

STORAGE

COOSA Bluewater 26 should be stored flat, kept dry and clean, and out of direct sunlight.



NOTE Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, express or implied, including any warranty or merchantability or fitness, nor is protection from law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special or consequential damages. 06/11/23



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