

Stokbord

SPECIFICATION SHEET

Variability

The performance of products manufactured from recycled material is susceptible to variability from the feedstock, therefore the published technical data is offered for guidance purpose only. The data has been obtained from extracting random test samples from the production prices and subjecting those samples to industry standard test regimes performed by reputable, independent test house. variability within the feedstock may also impact upon finish and colour uniformity.

In order to minimise the impact of variability Centriforce operated in accordance within the Standards set by our ISO 9001 accreditation. In addition, Centriforce has also adopted a policy of continual improvement throughout the entire business.

Handling and Storage

Stokbord is delivered to site in pre-wrapped packs equivalent in length to the longest item within the consignment. The sheets are wrapped in thin polyethylene film and banded with polyester straps. Pallets are incorporated into the packaging to aid the use of mechanical handling with apparatus such as forklifts and lifting booms with slings.

Stokbord should be stored in its original packaging on a flat, solid and free draining storage area until ready for us. It is not recommended to store Stokbord more than three packs high. packs should not be un-banded unless safely positioned at ground level.

Gloves should be worn when handling Centriforce Stokbord.



Physical Properties - standard sheet size - 2.440m x 1.220m

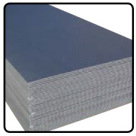
Sheet Thickness mm	Weight per sheet kg	Sheets per pallet	Weight per pallet kg	Pallet Dimensions m
18	52	27	1,415	2.440 x 1.220 x 0.600
12	35	40	1,410	2.440 x 1.220 x 0.600
9	26	50	1,315	2.440 x 1.220 x 0.600
6	17.5	80	1,415	2.440 x 1.220 x 0.600
3	9	160	1,365	2.440 x 1.220 x 0.600

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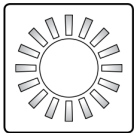
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Installation

These general rules for installation are offered for guidance purposes only, however further details are available in the Stokbord 'Fixing Instructions' document. Generic Risk Assessments and Method Statements, for specific applications, are also available upon request.



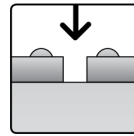
Always store Centriforce Stokbord in a level and flat condition



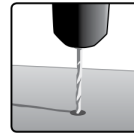
Ensure Centriforce Stokbord is acclimatised to the ambient conditions prior to installation and, wherever possible, install Stokbord close to the ambient condition anticipated during service



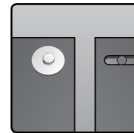
Stokbord should not be left unsupported for any prolonged period



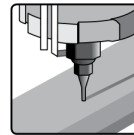
Always allow for expansion and contraction at butt joints



Fixings should be installed into pre-drilled holes



Holes for fixings should be oversized or slotted to allow for movement in the structure



Centriforce Stokbord may be cut, drilled and machined using tools suitable for working with timber

Maintenance

Stokbord requires no planned, preventative maintenance when in service.

Cleaning of Stokbord may be achieved with a standard power washer if adequate drainage exists. In the absence of adequate drainage, warm water and a lint free cloth or sponge may be used to clean the product.

Stokbord is fully recyclable at the end of service.

Fire conductivity

Stokbord is difficult to ignite, however, should the installation be involved in a developed fire the spread of flame is commensurate with class 3 materials in accordance with BS 476-7 1997. Stokbord may be extinguished by employing an A, B or C classified fire extinguisher.

Manufacturing tolerances

Stokbord is a recycled, extruded plastic sheet. The plastic feedstock is extruded through a die, calendar rolled, cooled and cut in a single process. This process may be influenced by external factors and, as such, the following manufacturing tolerances are allowable:

Size	Thickness	Maximum allowable	as specified +5%
		Maximum allowable	as specified -5%
	Width	Maximum allowable	as specified +6mm
		Maximum allowable	as specified - 0mm
	Length	Maximum allowable	as specified +10mm
		Maximum allowable	as specified - 0mm
Straightness	Square	Maximum allowable	10mm per sheet
	Deflection	Maximum allowable	10mm per sheet
		from Machine Direction line which results in bowing or warping	

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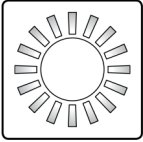
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Stokbord is manufactured from post consumer and post industrial recycled plastic.

Due to the recycled nature of the source material it is possible that there will be some variability in product performance and within finish and colour uniformity. However, the degree of variability is controlled by our ISO9001 Quality Assurance scheme.

As with most construction materials, it is recommended to identify the most appropriate face to be placed outermost, when selecting Centriforce Stokbord from the delivered pack

All plastics are susceptible to thermal expansion and contraction associated with temperature change.



Allowances for thermal movement should be incorporated into the design and construction of structures using Stokbord, to prevent warping and buckling.

Allowances within the structure for thermal movement are recommended as follows:

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Ambient Temp °C	Potential for Expansion per 1m	Potential for Contraction per 1m
-10	+9mm	0mm
-5	+8mm	-1mm
0	+7mm	-2mm
+5	+6mm	-3mm
+10	+5mm	-4mm
+15	+4mm	-5mm
+20	+3mm	-6mm
+25	+2mm	-7mm
+30	+1mm	-8mm
+35	0mm	-9mm

The above table assumes the following:

- Service temperature range of -10°C to +35°C
- Thermal expansion and contraction up to 2.0mm / 1m / 10°C
- Product is conditioned to ambient temperature prior to installation

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