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Technical Data Sheet

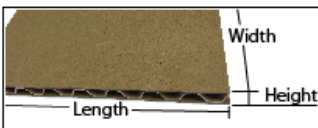
V-Corr Formwork



V-Corr Formwork panel is a structural panel with end grain core developed by Corruven for use by contractors to pour foundations and other concrete structures. The product is manufactured by laminating Corruven's V-Corr product to two skins (structural douglas fir plywood).

It is used as a concrete formwork panel by contractors.

Product features and how to order

Basic dimensions	How to order?	Key product features
	<ol style="list-style-type: none"> Specify product name Skin type Cell size Width x Length 	<ol style="list-style-type: none"> Higher productivity Easy release from concrete Lower cost per use Easy to handle
Skin types	Plywood Struct1 Douglas fir 6mm	
Core types	V-Corr	

Physical properties

	Value	Test Method
Binder type	NAF	
Moisture content	7-9%	
Temperature use	+10C to +40C	

Dimensions

Format (Width x Length)	
Metric (mm)	Imperial (in)
<i>Cut to size panels</i> 404mm W x 2438 / 2591 / 2743 / 2896 / 3048 / 3658mm L 608mm W x 2438 / 2591 / 2743 / 2896 / 3048 / 3658mm L	<i>Cut to size panels</i> 15.940" W x 96 / 102 / 108 / 114 / 120 / 144" L 23.940" W x 96 / 102 / 108 / 114 / 120 / 144" L
Custom sizes available on request	

Tolerance (+/- 95% interval)		
	Metric (mm)	Imperial (in)
Height	+/- 0.6	+/- 0.021
Width	+/- 1.0	+/- 0.040
Length	+/- 1.0	+/- 0.040



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Mechanical properties

	Skin type / Core type	Weight	Density	Compression		Bending		Screw Holding
				Edge crush test (ECT)	Flat crush test (FCT)	Modulus of rupture (MOR)	Modulus of elasticity (MOE)	
Test method			ASTM D2395	TAPPI T839	ASTM C365	ASTM D1037	ASTM D1037	ASTM D1037
Unit		g/m2 (lbs/ft2)	kg/m3 (lbs/ft3)	kg/mm	kPa (psi)	N/mm2 (psi)	N/mm2 (psi)	N
CELL 19mm								
V-Corr Formwork 1.125" panel	6mm Struct1 Plywood V-Corr 8000	9782 (2.00)	349 (21.3)	N/D	6550 (950)	20.0 (2901)	5000 (725,189)	N/D

*The mechanical properties in the above table were the results of tests at the Corruven lab following the TAPPI and ASTM test methods. The data for information purposes only and the values represent averages. The values are subject to change in the future.

Packaging

Cut to size panels; 32x panel per pallet

Storage and Handling

<p>V-Corr Formwork panels are manufactured in a controlled environment at 45 to 50% relative humidity and temperature of 17C to 20C.</p> <p>Despite its sturdy laminated construction, surface, panel edges and panel corners are vulnerable to damage and should always be protected in transport.</p>	<p>Points to watch when handling V-Corr Formwork panels are:</p> <ol style="list-style-type: none"> 1. Store panels flat and level. 2. Keep finish faces inward and cover stacks to protect from bumping and abrasion. 3. Protect panel edges and corners. 4. Allow 24 hours inside your facility before processing.
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IMPORTANT NOTICE TO CUSTOMER

The recommendations and data contained in this Technical Data Sheet for use of this product are based on information Corruven believes to be reliable. They are offered in good faith without guarantee, as conditions and methods for use of our product by Customer are beyond Corruven's control. Customer must determine the suitability of the product for a particular application before adopting it on a commercial scale. Environmental conditions in some manufacturing plants and end-use locations may cause shrinking of our product for which Corruven cannot assume any responsibility or liability.