







	Covet International PO Box 392, Altona VIC 3018 t: +613 93988128 e: info@covet.com.au w: covet.com.au	Title: Ever Art Wood® Aluminium Batten Extrusions	Scale:	Rev:
			Dwg no:	6

Product Overview				
Batten Dimensions	Available in varying fixing methods, profiles, wall thicknesses and lengths. Visit covet.com.au to view the full range and selection.			
Batten Composition	Extruded aluminium (6063 T5) with varying profiles, wall thicknesses and lengths. 0.2mm timber effect printed, exterior grade polymer film, wrapped to pre-treated aluminium surface.			
Batten Finish	Wood grain runs the length of battens. Cut edges are not enveloped with film.			
Country of origin	Japan			
Mechanical Properties	Standard	Test Result: Test machine Sintech 60/D		Testing Origin
	ASTM E9	Compression Test		MTS – Melbourne Testing Services Melbourne, Australia
		Compressive strength	244 MPa	
		Yield Stress	190 MPa	
	AS1391-2007	Tensile Test		MTS – Melbourne Testing Services Melbourne, Australia
		Tensile strength	258 MPa	
Proof Stress		238 MPa		
MTS Shear Test Procedure	Shear Test		MTS – Melbourne Testing Services Melbourne, Australia	
	Shear Strength	148 MPa		
	Yield Stress	124 MPa		
Fire Testing	Standard	Test Result		Testing Origin
	AS/NZ 3837-1998	Group 1		AWTA Melbourne, Australia NATA certified lab
	AS/NZ 1530.3	Index 0 (spread of flame)		AWTA Melbourne, Australia NATA certified lab
	BCA provision	BCA Deemed to Satisfy Provisions C1.9 (e)(v) of the 2019 NCC (Volume 1 – covering class 2-9 buildings). Independent report / note Ever Art Wood has a 0.2mm polymer wrap applied to the surface and achieves a 0 spread of flame.		Olsson Fire & Risk Melbourne, Australia
	ASTM E84-20	Class A Certification - Standard Test Method for Surface Burning Characteristics of Building Materials		JECTEC, Hamamatsu-City, Japan
UV Testing	Standard	Test Chamber	Hours	Testing Origin
	SAE J1960-2004 Society of Automotive Engineers.	Xenon Arc Atlas Ci4000 Xenon Weather-ometer	8000 / 10,000KJm2	AWTA Melbourne, Australia NATA certified lab
	ASTM G154	QUV – Accelerated Outdoor Evaluation	8000	Gale Pacific Internal Laboratory Melbourne, Australia

UV Testing (continued)	Standard	Test Chamber	Hours	Testing Origin		
	JIS K 5600	Sunshine Weather-ometer SUGA S80	10,000	Japan		
	SAE J2527 / ISO4892-2	Xenon Arc Atlas Ci400 Xenon Weather-ometer	10,000KJm2	India		
Salt Fog Resistance	Standard	Appearance Assessment		Testing Origin		
	ASTM B117- 2018	Blistering	Nil	AWTA Melbourne, Australia NATA certified lab		
		Base Metal Corrosion	Nil			
		Loss of Adhesion	Nil			
		Other abnormalities	Nil			
Exposure Period	500 hours					
Light Reflectance Value (LRV)	Standard	Test Result (CIE Tristimulus Value Y – Mean Results)			Testing Origin	
	BS 8493- 2008 + A1- 2010	Burakku Suchi-ru	6.98	Neikiddo Moku	19.36	AWTA Melbourne, Australia NATA certified lab
		Burakku Erumu	6.13	Riigaru Oku	17.76	
		Chakooru Gurei	6.81	Kuri Masame	20.50	
		Kakicha	5.77	Biera Oku	33.87	
		Kurocha	6.23	Buraun Gurei	25.89	
		Burakku Eboni	7.24	Kurashikku	39.83	
		Weebu Mahogani	10.63	Oku	38.10	
Buraun Eboni	10.12	Supuringu Oku	47.75			
Application	Koshi		Standard hollow section	Face fix. Recommend bimetal or stainless steel screws. It is recommended that the installation team ensure screws are suitable for the substrate and to avoid the potential for galvanic reaction.		
	Kabebari		2 part concealed fix batten	A 2 part split batten section, simply screw base to substrate. Top section clips in to conceal screw fixings. It is recommended that the installation team ensure screws are suitable for the substrate and to avoid the potential for galvanic reaction.		
	Kabebari-T		Suspended ceiling batten screen	A lightweight suspended ceiling system, the T section is suspended from the ceiling with Rondo rods or similar. The Kabebari 2 part concealed fix batten is attached to the T section, forming a cavity for access to utilities or for acoustic mats.		

	<p>Title: Ever Art Wood® Decorative Wrapped Batten Cladding</p>			
<p>Application (Continued)</p>	<p>Mizotsuki</p>		<p>Bracket and bolt fix cladding system</p>	<p>Mizotsuki batten incorporates a full length channel along the backside to which a bolt is fed through and affixed to an 'L' bracket. The 'L' bracket can be fixed directly to a structure or posts.</p>
	<p>Prefab Screens</p>		<p>Window framed or non-window framed</p>	<p>Prefabricated batten screens made from Koshi standard hollow sections. Made to as built dimensions. Due to OHS screen sizes are restricted to a comfortable 2 person lift.</p>
<p>Cleaning and maintenance</p>	<p>It is recommended that environmental dust and bird droppings are cleaned off the Ever Art Wood® surface on a regular basis to keep the surface in good condition. Clean with clean water via a hose or pressure washer (i.e. Karcher) at no closer than 1 metre to prevent mechanical abrasion. For stubborn marks try a non-abrasive cloth (i.e. sponge or microfiber and a well diluted neutral detergent) please consult the supplier. Coastal projects (i.e. within 500mtrs of a saltwater environment) should be hosed down with clean water at least every 3 months.</p>			
<p>Warranty</p>	<p>10 year manufacturer's warranty against surface delamination, warping and significant fading. Manufacturer's warranty available upon request.</p>			
<p>Sustainability</p>	<p>Aluminium is 100% recyclable and retains its properties indefinitely. Sustainability advantages of Ever Art Wood® include:</p> <ul style="list-style-type: none"> • No removal of trees • No chemical maintenance • Long lasting material/ doesn't need repeated replacement due to deterioration • Lightweight - less install infrastructure • Lightweight - less transportation • No batch to batch variability • Minimal waste in manufacture (compared to milling timber) • Minimal site waste – all panels and battens are cut to length in Japan. 			

