

CROWN
— LAMINATES & BEYOND —

Texpanel
The Sense of Touch
www.crownlam.com



Texpanel

A work of art, from the house of Crown, Texpanel is an element of different dimensional design which sets itself apart for its distinct attributes and quality. A high pressure laminate, made from the state of art technology, it imparts refined sophistication to your exteriors.

Customized to suit specific applications, Texpanel comes in dimensions that facilitates the designing of spaces which gives a facelift to any of the creation it adorns. The prominence of the texture has an unparalleled tactile and visual effect seconding none.

Break the monotony to create inviting spaces with Texpanel, feel to believe.

FEATURES & BENEFITS

- ★ Decorative
- ★ Durable
- ★ Weather Resistance
- ★ Scratch Resistance
- ★ Heat Resistance
- ★ Impact Resistance
- ★ Fire Resistance
- ★ Optimal Light Fastness
- ★ Easy to Clean
- ★ Easy to Maintain
- ★ Environmentally Sustainable

DECORS

Available in subtle tones of pastels, Texpanel comes with textures on both the sides. We also offer a vivid palette of solid colors to choose from our wide range to fit the design and application requirements.

PANEL DIMENSIONS

1220 X 2440 mm, 1220 X 3050 mm, 1300 X 3050 mm

THICKNESS

3 mm, 6mm, 8mm, 10mm

*N.B. Higher thicknesses can be made to order

APPLICATIONS / USAGE :

Cladding, Balconies, Fences, Car Ports



TEXTURES



AFRICAN LUMBER (AL)



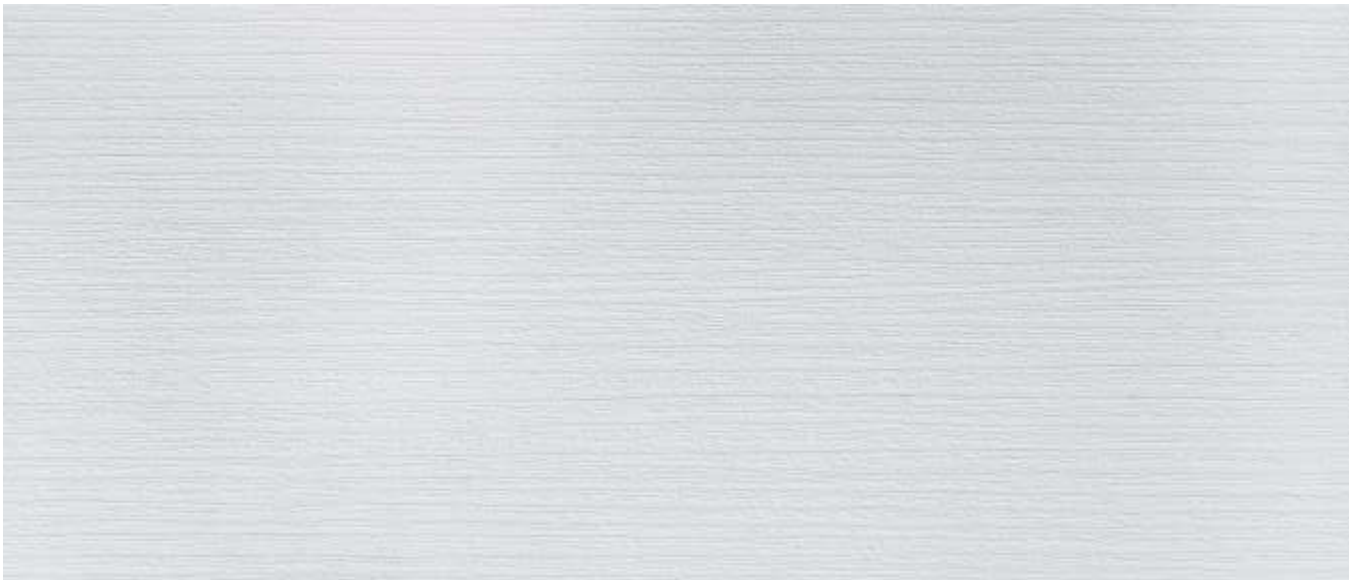
ART WOOD (AW)



BLADE MARK (BM)



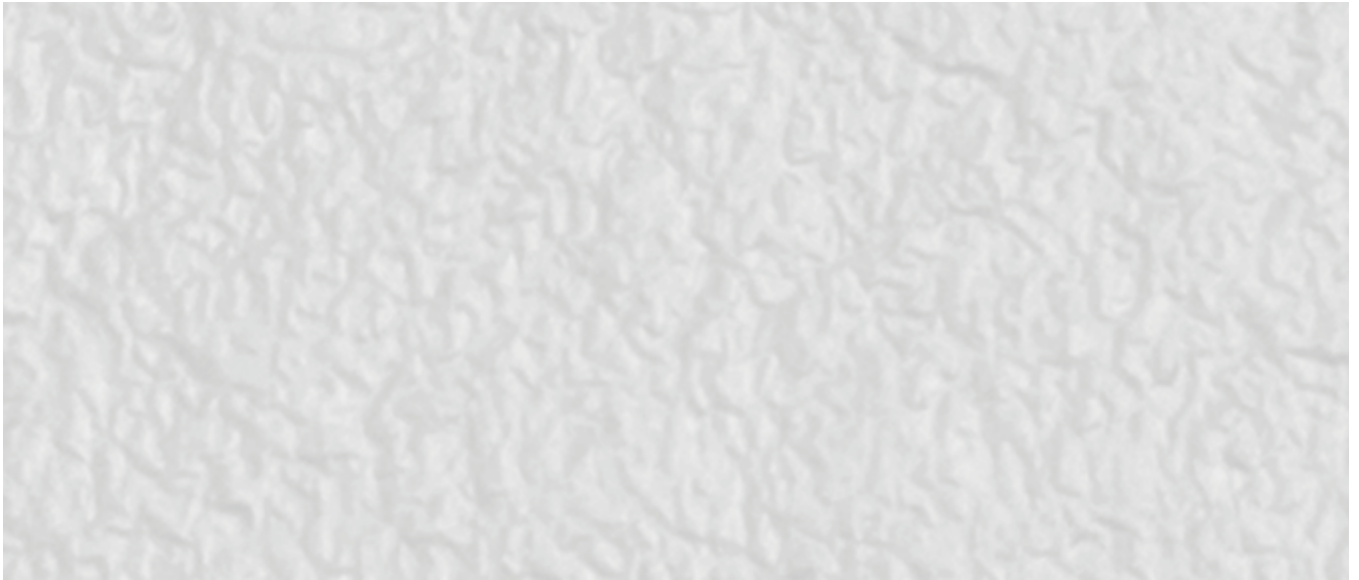
ISLAND PINE (IP)



LINO WOOD (LW)



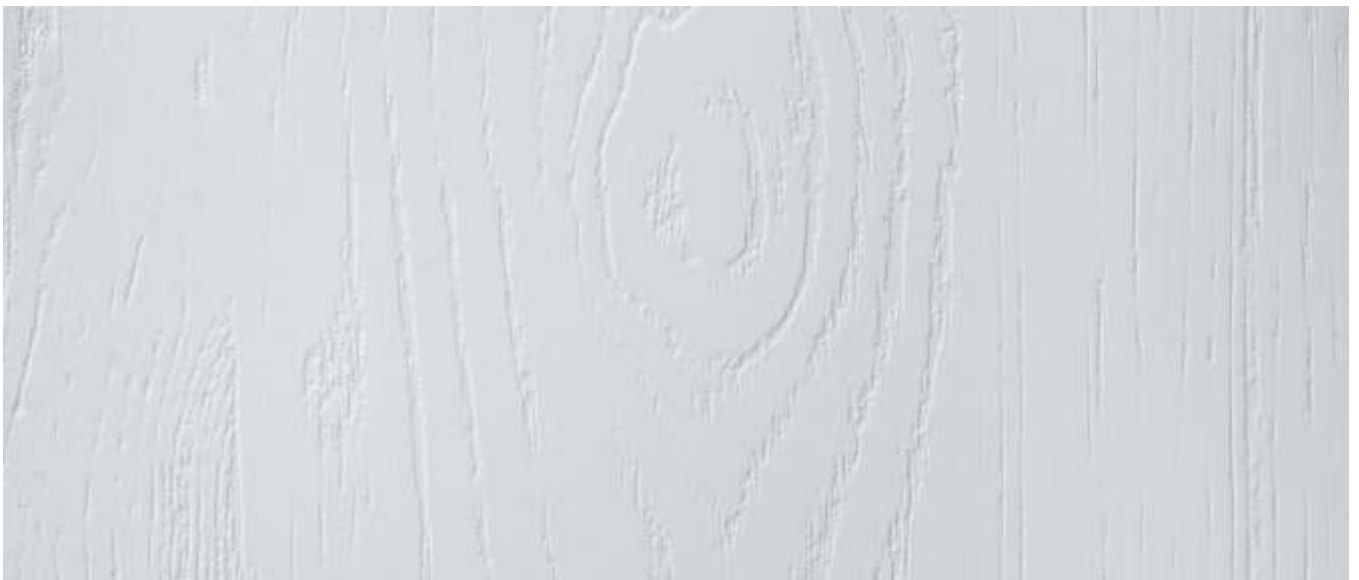
METALLIC (ML)



QUARRY STONE (QS)



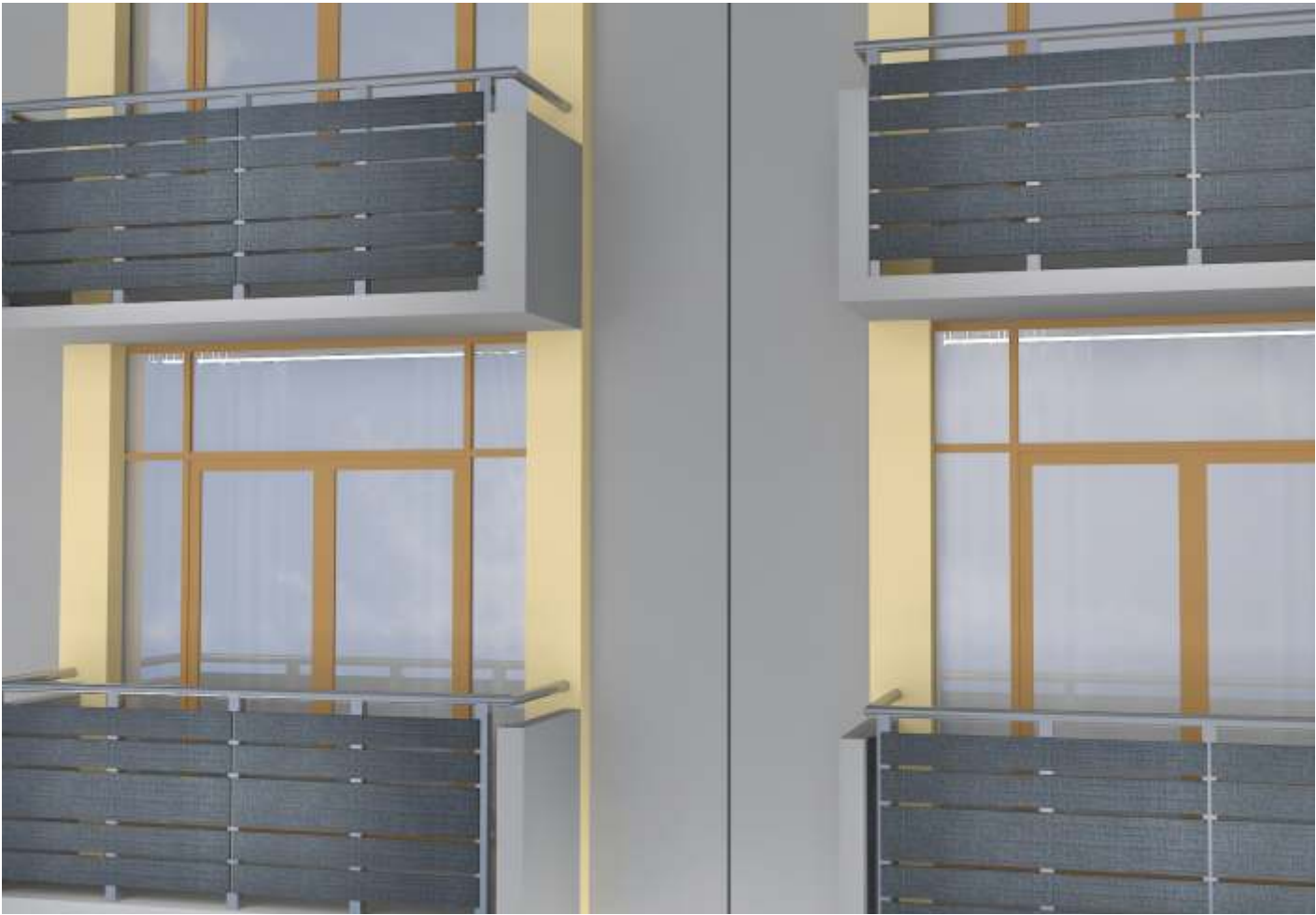
SLATE STONE (SS)



WOODY (WD)

APPLICATIONS

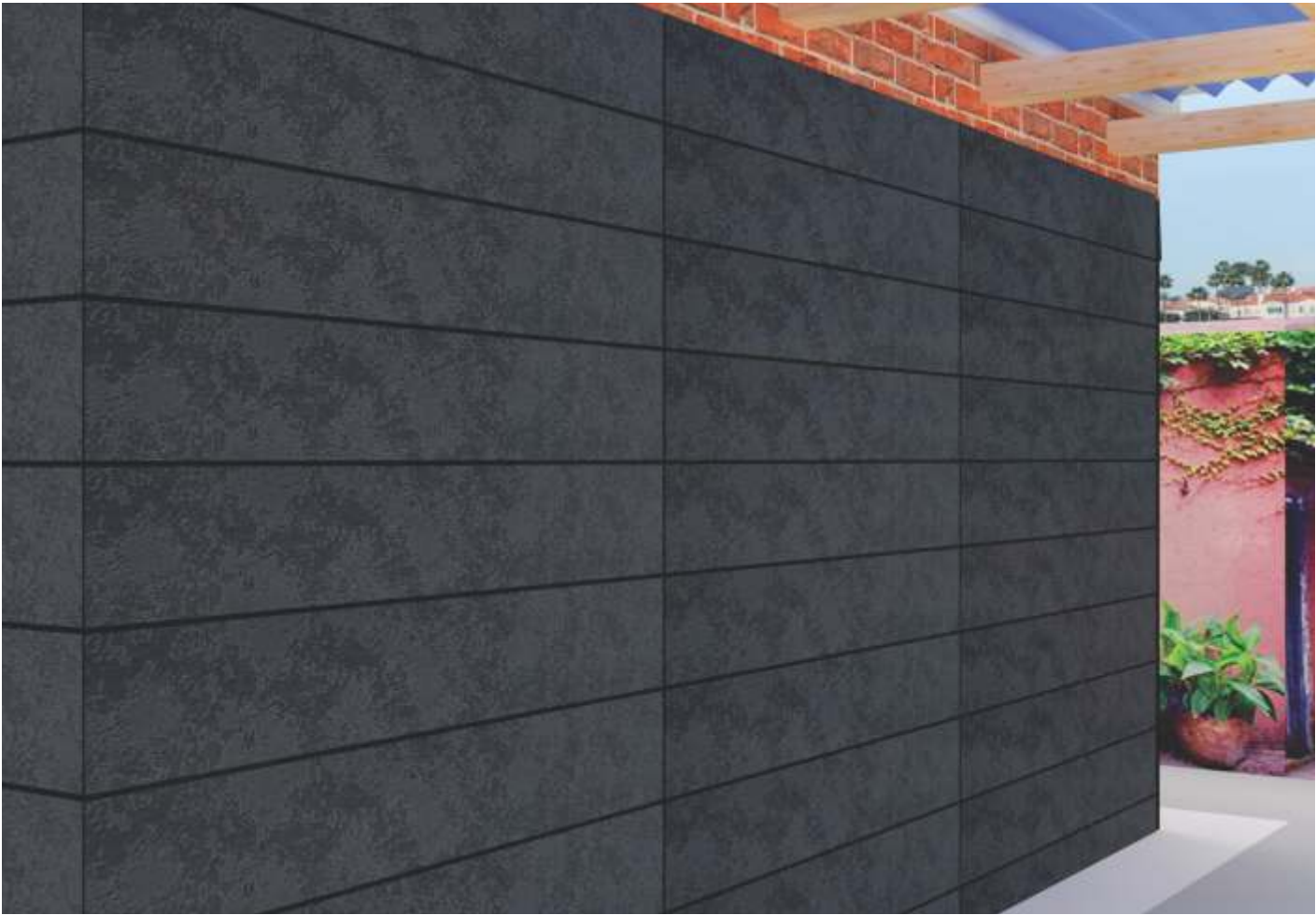
BALCONY | CLADDING | CAR PORT | FENCE























TECHNICAL SPECIFICATIONS

Sl. No.	Properties	EDF Grade Specification As per EN 438 - part 6	CROWN LAMINATES & BEYOND Values
1	Thickness (mm.) (max.)		
	$5.00 \leq t < 8.00$ (mm.)	6.00 ± 0.40 mm.	6.15 mm.
2	Length (mm.)	$2440.00 + 10.00/-0.00$ mm.	2441.00 mm.
3	Width (mm.)	$1220.00 + 10.00/-0.00$ mm.	1221.00 mm.
4	Edge Straightness mm. (max)	1.50 mm./m.	0.90 mm./m.
5	Edge Squareness mm. (max)	1.50 mm./m.	0.80 mm./m.
6	Flatness mm. (max)		
	$2.00 \leq t < 6.00$ mm.	8.00 mm./m.	4.00 mm./m.
	$6.00 \leq t < 10.00$ mm.	5.00 mm./m.	2.50 mm./m.
	$t \geq 10.00$ mm.	3.00 mm./m.	1.30 mm./m.
7	Flexural Modulus (min.)	9000 Mpa.	13048 Mpa.
8	Flexural Strength (min.)	80 Mpa.	143 Mpa.
9	Tensile Strength (min.)	60 Mpa.	66 Mpa.
10	Density, gm./cm ³ (min.)	1.35 gm./cm ³	1.45 gm./cm ³
11	Resistance to impact by large diameter ball.		
	a) Drop height mm. (min.)		
	$2.00 \leq t < 5.00$ mm. (t=nominal thickness)	1400 mm.	1600 mm.
	$t \geq 5.00$ mm.	1800 mm.	2000 mm.
12	b) Indentation dia. mm. (max.)	10 mm.	6 mm.
	Resistance to wet conditions		
	a) Mass increase (%) max.		
	$2.00 \leq t < 5.00$ mm. (t=nominal thickness)	10%	4%
13	$t \geq 5.00$ mm.	8%	3%
	b) Appearance not worse than	Rating 4	Rating 5
	Dimensional stability at elevated temperature		
	$2.00 \leq t < 5.00$ mm. (t=nominal thickness)		
14	a) Longitudinal, % max	0.30%	0.25%
	b) Transverse, % max	0.60%	0.40%
	$t \geq 5.00$ mm.		
	a) Longitudinal, % max	0.30%	0.14%
15	b) Transverse, % max	0.60%	0.20%
	Resistance to climatic shock		
	a) Appearance	Rating 4	Rating 4
	b) Flexural Strength index, min.	0.95	1.10
16	c) Flexural Modulus index, min.	0.95	1.50
	Resistance to artificial weathering (Including Light Fastness)	After 650MJ/m ² radiant Exposure (1500 hrs)	1500 hrs
	a) Gray scale rating (not worse than)	Rating 3	Rating 4
	b) Apperance (min.)	Rating 4	Rating 4
17	Resistance to UV light	After 1500 hrs Exposure	3000 hrs
	a) Gray scale rating (not worse than)	Rating 3	Rating 4
	b) Appearance (min.)	Rating 4	Rating 4
	Spread of Flame	Class 1	Class 1
Remark : E (Exterior Grade), D (Serve Use), F (Flame Retardant Grade)			

FIRE BEHAVIOUR

Valid in	Test Method	CrownXCL Value
Canada	CAN/ULC S134	Passed
Europe	CSN EN 13501-1+A1	Passed B-s1, d0 (Passed)
USA	NFPA 285	
Canada + USA	ASTM E 84	Flame Spread Index: 10 Smoke Developed: 0



CROWN

LAMINATES & BEYOND

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