



**ASTRON**  
DESIGNER PANEL

# INNOVATION FOR MODERN LIVING



THE RANGE/



## TIMELESS ESCAPE

*Astron Designer Panel is an elegant, decorative panel designed for a broad variety of uses both horizontally and vertically. The panels are impressively strong, impact and stain resistant, impervious to water, and have remarkable structural stability requiring no substrate support.*

### Colour Palette & Application:

Available in a wide range of decors from the Astron Colour Palette.

Panels have a black core which, when machined, presents a stunningly unique, black edge design feature. Astron Designer Panels have a decorative face on both sides and is particularly suited to use in wet areas with high humidity, high impact and premium aesthetic requirements. The beautiful appearance of Astron Designer Panel makes it perfect for design driven applications, whilst its resistance to tough treatment and easy to clean surface couples as a maintenance-friendly wall finish.

### Composition:

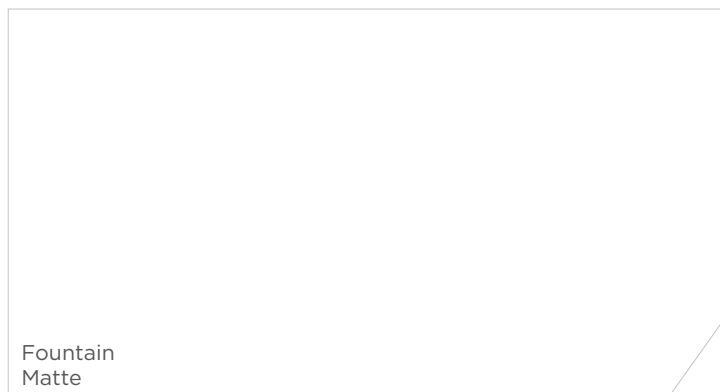
Astron Designer Panel is built up from multiple layers of Kraft paper and thermosetting resins, homogeneously reinforced with cellulose fibres and manufactured under high pressure to product a totally water resistance panel in a 5mm thickness. Astron Designer Panel has a solid density of 14kg/m<sup>2</sup> (5mm thickness), and conforms to EN438:4, BCA & Fire Certification requirements.

### Warranty & Installation Methodology:

Astron Designer Panel is backed by a 7 year limited warranty when installed using the exclusive Astron Panel Installation Methodology. You can request the Astron Design Panel Methodology from us – refer to contact details overleaf.



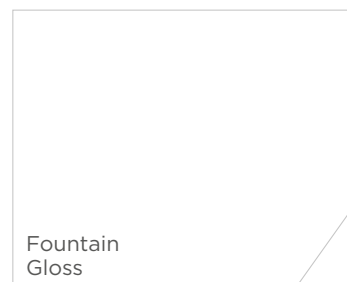
## SOLID COLOURS



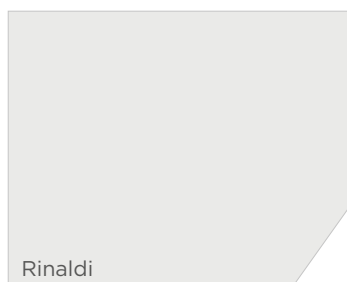
Fountain  
Matte



Rossi



Fountain  
Gloss



Rinaldi

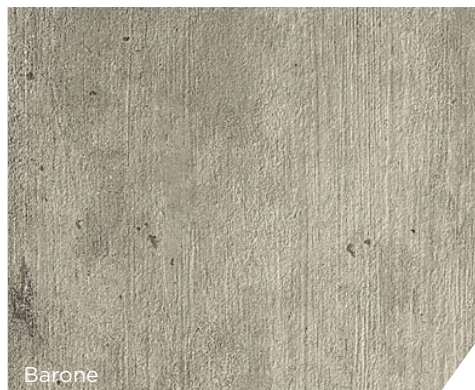


Ricci





## TIMBER EFFECTS



Barone



Coast



Mazza



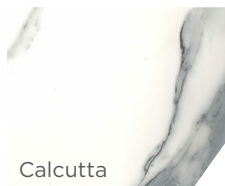
Vital



## MARBLE EFFECTS



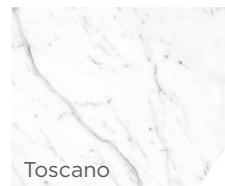
Ambrosi



Calcutta



Ossani



Toscano

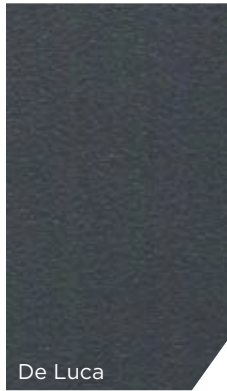




## STONE EFFECTS



Amoretto



De Luca



Messana



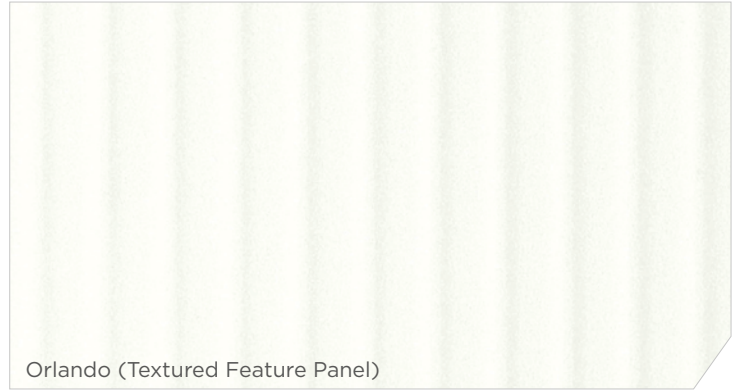
Santoro



Valenti



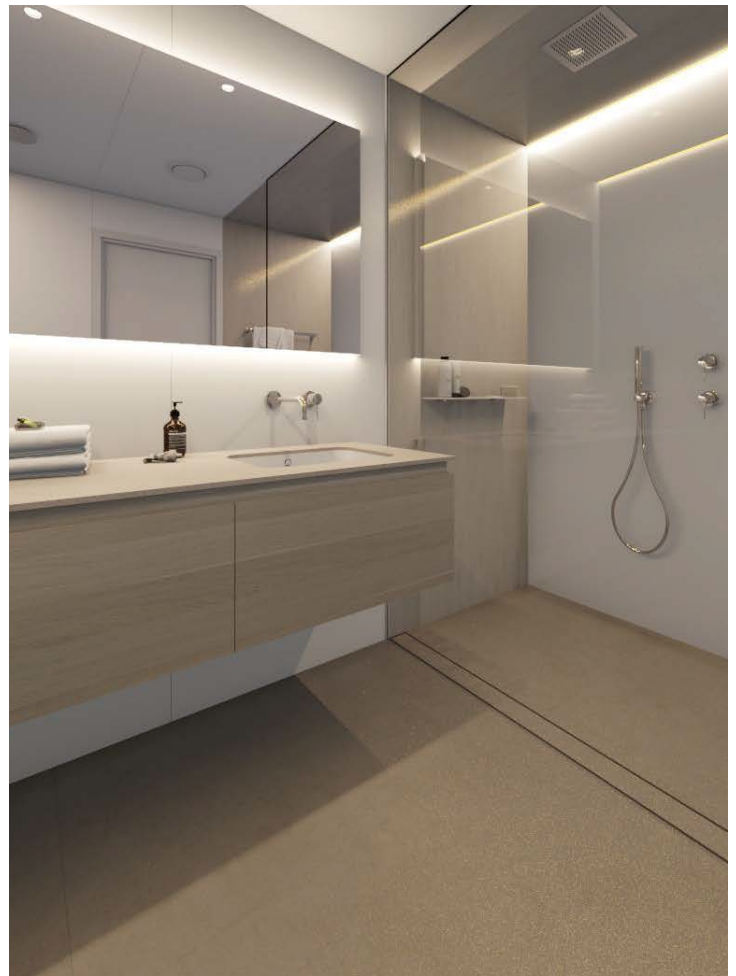
## PATTERNS



Orlando (Textured Feature Panel)



Pagano





Thickness	EN 438-2 section 5	According to the required thickness	05.0 < t < 08.0 = 3 0.40 mm 08.0 < t < 12.0 = 3 0.50 mm
Density	ISO 1183-1	1.4	Min. 1.35GR/CM3
Wear Resistance	EN 438-2 section 10 CGS	IP = 185 Rev. Wear Value = 485 Rev.	Initial Point > 150 Rev. Wear Value > 350 Rev.
Scratch Resistance	EN 438-2 section 25 CGS	JN 4N	Flat Surface Min. 2 N Textured Surface Min. 3 N
Impact Resistance	EN 438-2 Big Ball section 21 CGS: 2.0 < 6.0 mm 1>6.0mm	No Crack. 4.5mm	1400mm height no crack.. 50mm Max. 1800mm height no crack.. 50mm Max.
Resistance to Grazing (20 Hours @ 80 °C)	EN 438-2 section 24 CGS	Level 4	Min. Level 4
Resistance to Dry Heat at 180 °C	EN 438-2 section 16 CGS Glossy Surface Finish Other Surface Finish	Level 4 Level 5	Min. Level 3 Min. Level 4
Resistance to Water Vapour	EN 438-2 section 14 CGS Glossy Surface Finish Other Surface Finish	Level 4 Level 5	Min. Level 3 Min. Level 4
Resistance to Boiling Water	EN 438-2 section 11 CGS2<t<5.0mm > 5.0mm  Glossy Surface Finish Other Surface Finish	2.2% 3.1% 0.55% 0.65% Level 4 Level 5	Max. 6% in weight Max. 6% in thickness Max. 2% in weight Max. 2% in thickness Min. Levels Min. Level 4
Resistance to Cigarette Burn	EN 438-2 section 30 CGS	Level 4	Min. Levels
Resistance to Staining	EN 438-2 section 26 CGS Group 1 + 2 Group 3	Level 5 Level 5	Min. Levels Min. Level 4
Flatness	EN 438-2 section 9 CGS 2.0 << 6.0 mm	1.23 mm	Max. 5 mm / 1 M Length
Light Fastness	EN 438-2 section 27 CGS Grey Scale	Level 5	Min. Level 4
High Temp. stability 70 °c	EN 438-2 section 17 CGS 2.0<<5.0 mm	Level : 0.18 mm W : 0.23 mm	Level : Max. 0.3 mm W : Max. 0.6 mm
Tensile Strength	EN ISO 527-2 CGS	35 Mpa	Min. 60 Mpa
Flexural Strength	EN ISO 178 EDS, EOF	114 Mpa	Min. 80 Mpa
Flexural Modulus	EN ISO 178 EDS, EOF	16,522 Mpa	Min. 9000 Mpa
Coefficient of Linear Thermal Expansion (COTE)	ASTN O686-08	6. OX 10	rnm-rnmc





*Astron Designer Panel is an elegant decorative panel designed for a broad variety of uses both vertically and horizontally; presenting itself in a durable 5mm thickness.*

*Each panel is engineered to maintain structural stability, moisture and impact resistance which is all backed by a 7 year warranty when installed following our exclusive Astron Installation Methodology.*

*The inherent strength and durability these panels possess is due to thermosetting resins, homogenously reinforced with cellulose fibres and manufactured under high pressure and temperature to provide a durable wall finish, particularly suited to wet areas.*

If you would like to request samples, view our **Astron Installation Methodology**, or learn more about **Astron Designer Panel**, contact us on **1300 0 ASTRON** or visit **[astronpanel.com.au](http://astronpanel.com.au)**



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