

APEX™ Cast Acrylic

Infinite Possibilities – not just cast acrylic sheet.

APEX™ Cast Acrylic production is with 100% virgin MMA, offering an unsurpassed 30-year UV clear warranty, against yellowing & UV degradation. In saying this, APEX™ Cast Acrylic also has impressively a residual monomer content of less than 1%. APEX™ Cast Acrylic is manufactured to the highest optical standards, in relation to surface marks & possible inclusions, creating the best possible finished product. We understand the requirements in fabrication, where we have tailored our production to routing, polishing & thermoforming finishing requirements. APEX™ Cast Acrylic has an extensive color range, with over two thousand established colours, being available in both pressure sensitive paper & high-functional PE masking options. APEX™ Cast Acrylic offers over twenty standard sizes, with a thickness range of 2–30.0mm.

APEX™ Cast Acrylic creates solutions in glazing, fabrication, display & signage.

Advantages:

- Excellent light transmission & optical brilliance, consistent quality standard.
- Extremely high weather resistance, “30-year” Clear UV guarantee.
- Ease of fabrication, enabling high bond strength, excellent edge polish finish.
- High surface hardness.
- Low weight - half the weight of glass / 11 times the impact strength of glass.
- 100% recyclability.
- Diverse stocked thicknesses.
- Capabilities of up to 30.0mm & beyond (APEX™ Splash 30.0mm - 700.0mm)
- Proficient stock levels, with short, reliable lead times.
- Excellent strength & mechanical properties.
- Easy to clean & maintain (manufacturers cleaning suggestions available).
- Superior optical properties.
- High Rigidity.
- Excellent dimensional stability.

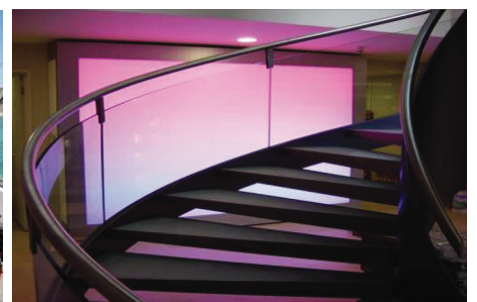
Grades available:

1. APEX™ Cast Acrylic (Gloss finish two sides)
2. APEX™ Cast Acrylic (Satin 1 side)

www.apexpolymers.co.za

Applications - APEX™ Brilliant

- Signage/display/POP.
- Shop-fitting.
- Lighting.
- Feature walls (illuminated).
- Picture framing.
- Electronic displays.
- Architectural glazing – Roofing & cladding/ windows.
- Machine guards.
- Motor home/caravan windows/boat screens & windows.



Colour Availability:

Multitude of colors available (opaque, translucent, transparent)

Surface Finish:

Gloss & Satin 1 side

Std. Dimensions/panel sizes & thicknesses:

Diverse dimensions available

Masking:

Pressure Sensitive PE film & Paper Masking options available.

www.apexpolymers.co.za

Color Code	Light transmission (±2%)	Color
0000	94.3	Clear
0001	88.5	One side satin
0002	86.2	Two sides satin
1000	1.8	Red
1260	0.3	Red
1290	0.3	Red
1350	0.3	Red
1360	0.3	Red
1370	0.3	Red
2350	18.8	Yellow
2600	8.1	Orange
2624	2.5	Blue
3100	3.8	Blue
3130	9.1	Blue
3200	3.6	Blue
3400	34.8	Blue&White
3600	9.9	Blue
4000	11.1	White
4200	36.9	Opal
4248	38.2	Opal
5000	0.3	Black
5926	19.4	Black&White
7162	4.6	Tint
6100	14.7	Green
6200	11.3	Green
6300	2.7	Green
6312	1.7	Green
6605	5.3	Green
4802	40.4	Opal (Translucent white)
4801	34.5	Opal (Translucent white)
4214	40.9	Opal (Translucent white)

4215	47.6	Opal-Lucent
4201	70.6	Opal
4218	17.7	Opal (Translucent white)
4700	60.5	Opal (Translucent white)
4258	57.6	Opal (Translucent white)
4261	57.6	Opal (Translucent white)
0811	2.16	Red
7304	39.67	Light Grey
7108	16.92	Light Grey
0260	70.77	orange
0261	60.4	Orange

All the information provided within this document and any further related technical advice, is based on testing conducted & well-established industry knowledge. The supplied information is for suggested reference only & it does not alter the obligation of the customer/end user to conduct their own inspection and testing of any APEX[™] products supplied. APEX[™] advises that the performance results of the product/products referenced, require authentication by the customers/end users independent testing, where we suggest the testing analysis by an accredited testing authority, where this is the sole responsibility of the customer/end user. No warranty/guarantee is relating to the properties within this document, whether noted or otherwise implied. We advise that we reserve the right to make any changes in accordance with new developments in technology. Any reference to trade names/trademarks is not an endorsement & any deemed suggested products, not approved for use. Please note APEX[™] accepts no liability or any other legal responsibility, relating to any current third-party intellectual property & or patent rights.

www.apexpolymers.co.za