

ThermoColour™

Ceramic Painted Glass Panels

solos  glass
see the possibilities

ThermoColour™ Ceramic Painted Glass Panels

What is ThermoColour™?

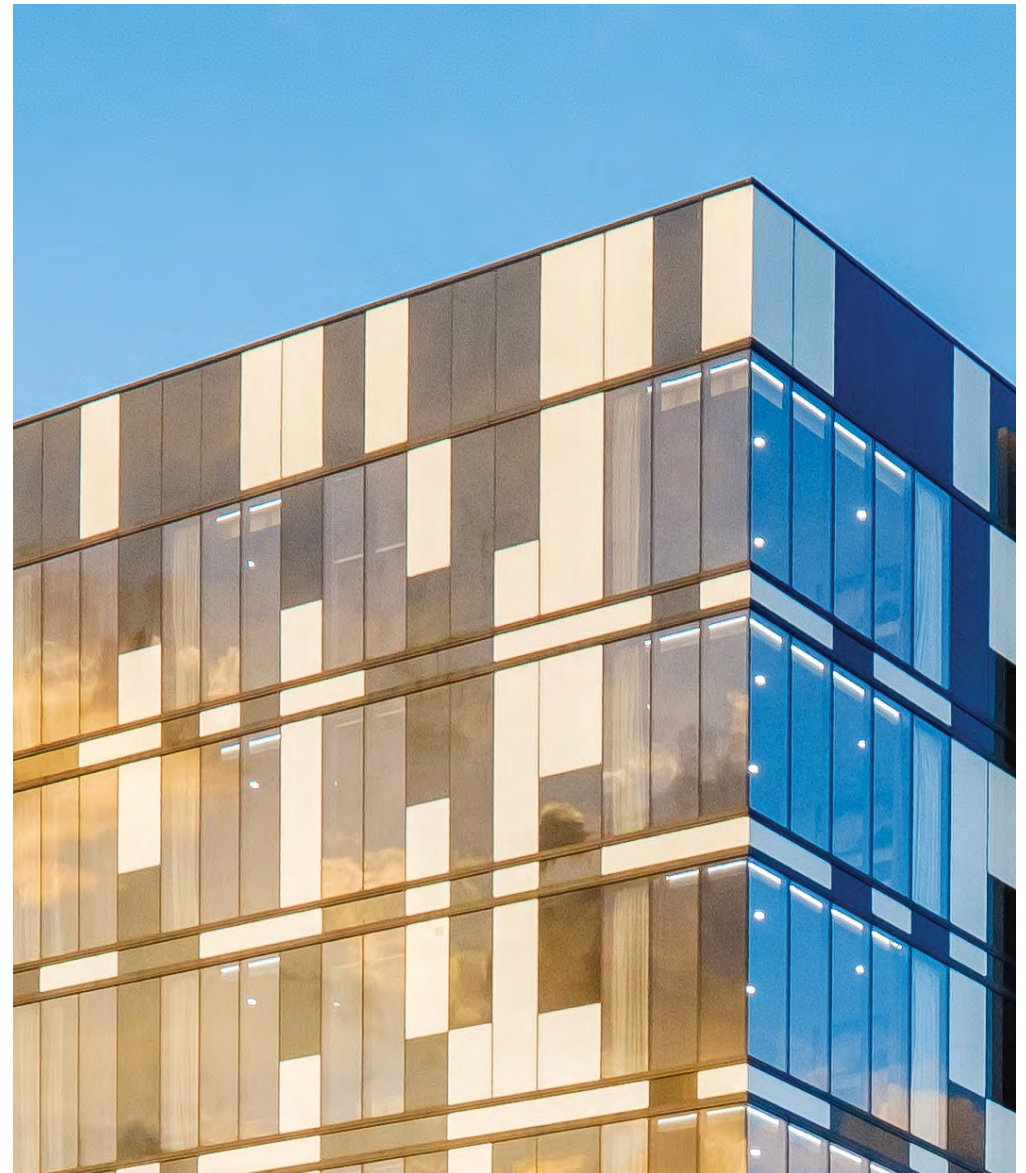
Available in toughened form only, ThermoColour™ is a highly durable, weather resistant decorative glass manufactured by applying a UV resistant ceramic coating to one surface of the glass which is then permanently fused to the glass surface during the toughening process. This process results in a scratch resistant and permanent coloured coating on the glass.

ThermoColour™ Features

ThermoColour™ is available in either black or white as standard colours and is nominally 6mm thick. Available in a maximum size of 3210 x 2550mm, ThermoColour™ can also be supplied as one panel of a KlymetControl® IGU.

True Colour Representation

To ensure the truest colour representation, ThermoColour™ White is manufactured using KristalClear™ low iron float glass as the glass substrate.



ThermoColour™ Ceramic Painted Glass Panels

External Wall Cladding and Spandrel Glass

External applications

ThermoColour™ is ideal for use as an opaque wall cladding material or as a spandrel panel to either contrast or complement the vision glazing. ThermoColour™ is specified and used for both applications because of its opaque appearance, excellent hiding properties, low maintenance and superior resistance to heat when compared to annealed or laminated glass.

Installation tips

Regardless of whether the glass is used as a cladding material or as a spandrel panel, care should be taken to avoid backlighting the product. The painted side of the panel should always be glazed to the interior of the building.

Reduce thermal breakage

When used as a spandrel panel, functionally the glass is used to hide the building structure between floors. The heat treated nature of ThermoColour™ for such applications precludes the threat of thermal breakage due to excessive heat build up in the area immediately behind and surrounding the glass.

Internal splashbacks and decorative panelling

ThermoColour™ is also used for internal decorative glass cladding applications including splashbacks, internal wall panelling, lift shaft panelling and lift walls for both the residential and commercial market.

Key Features

- Available in both black and white as standard
- Maximum panel size of 3210 x 2550mm
- Only environmentally friendly lead free ceramic coatings used
- Available as monolithic 6mm toughened panels or as one panel of a KlymetControl® IGU
- ThermoColour™ White is manufactured using KristalClear™ low iron glass for optimum colour reproduction

Benefits

- Permanent, durable and non-porous coating which becomes permanently fused to the glass surface after toughening
- Suitable for both external and internal applications
- Solid colours with 100% finish and excellent opacity
- Very durable and scratch resistant coating which will not crack from temperatures of up to 250°C
- Grade A toughened glass meeting the requirements of AS/NZS 2208
- Available heat soaked
- Can be manufactured to any shape outlined in the SOLOS Glass shape catalogue
- Easily maintained

Applications

- External facades and wall cladding
- Spandrel Panels
- Splashbacks