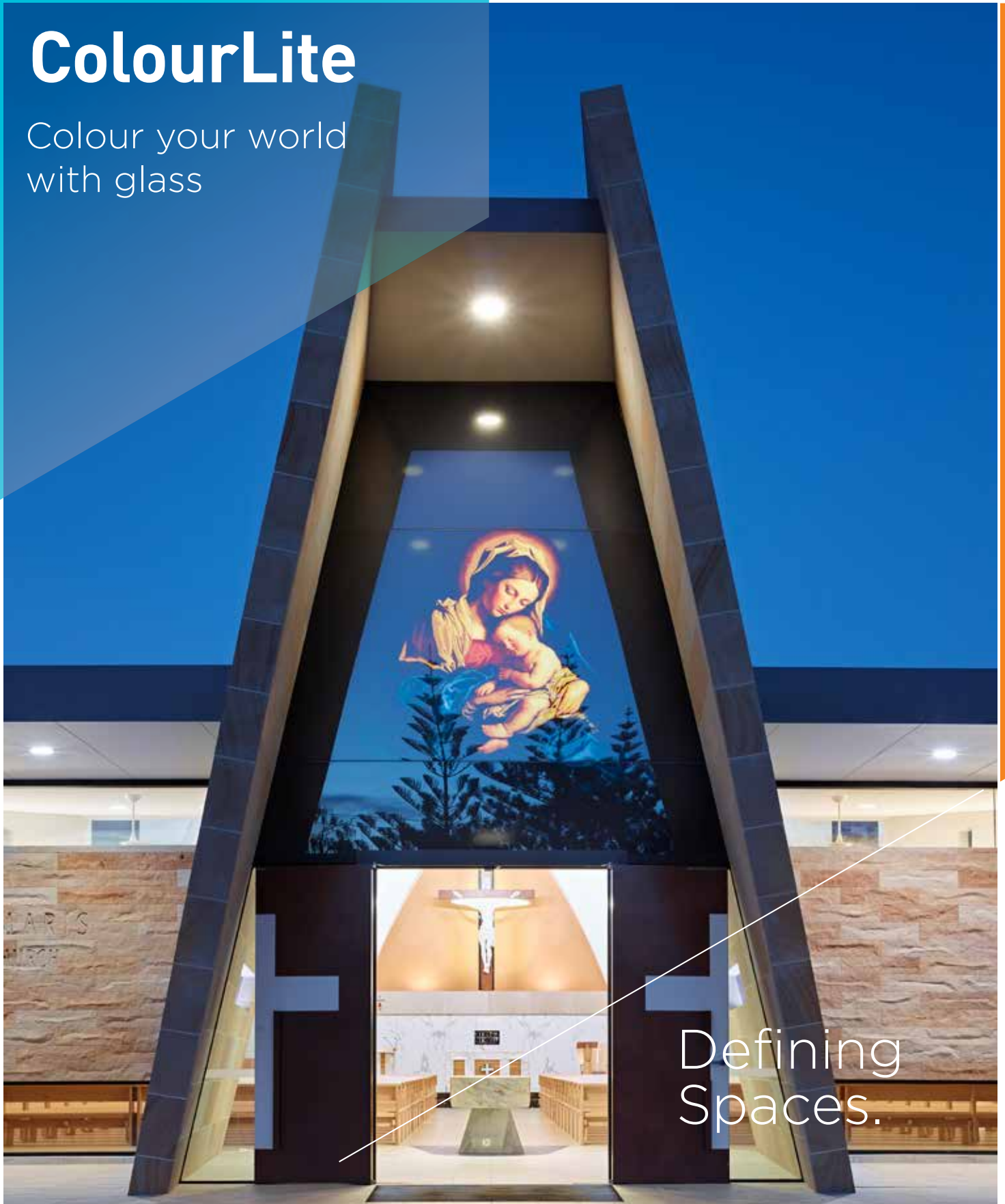


ColourLite

Colour your world
with glass



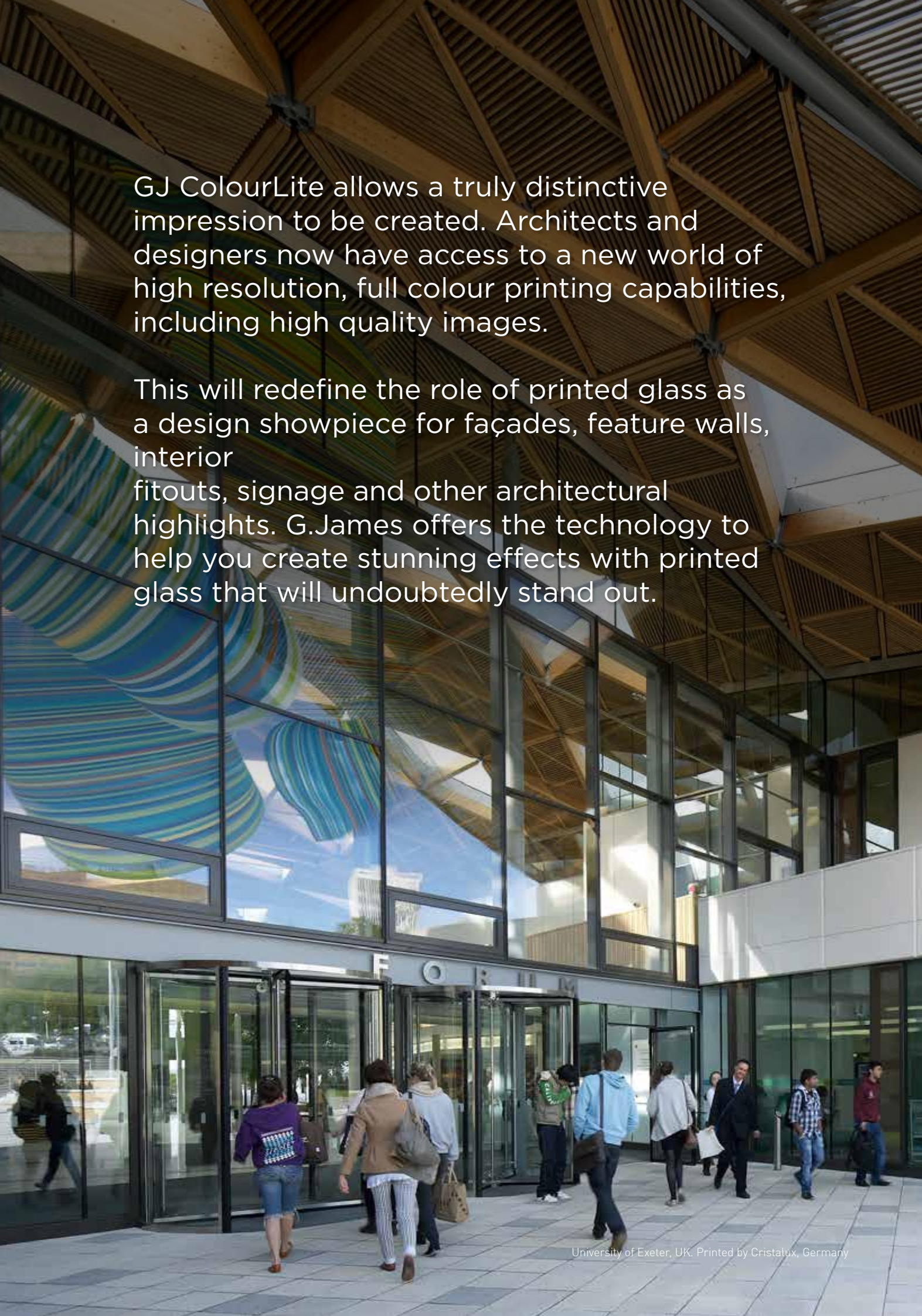
Defining
Spaces.

FEATURES

- Unlimited design options
- Excellent scratch resistance
- Expansive range of colours
- Durable and fade resistant



G.JAMES



GJ ColourLite allows a truly distinctive impression to be created. Architects and designers now have access to a new world of high resolution, full colour printing capabilities, including high quality images.

This will redefine the role of printed glass as a design showpiece for façades, feature walls, interior fitouts, signage and other architectural highlights. G.James offers the technology to help you create stunning effects with printed glass that will undoubtedly stand out.



A ceramic ink or frit is used for painting and printing on glass. These are made from microscopic glass particles and inorganic pigments that are fused to the surface of the glass through the furnacing process. The result is a durable product that will last as long as the glass itself.

The GJ ColourLite range is produced using two distinctly different processes. The most common method, GJ ColourLite Screen, uses a screen print process through which the frit is pressed through a woven mesh onto the glass surface. This process is limited to printing one colour at a time and can be cost effective for high volume production.

The second method is digital printing (GJ ColourLite Graphic and GJ ColourLite Image) which uses a large scale printer to print simple or complex patterns and images onto glass in single or multi-colour.

Both processes can be supplied on Clear, Tinted or Low-Iron single glazed glass or used as a component in GJ OptiLam Laminates and GJ TwinGlaze Insulated Glass Units.

ColourLite SCREEN

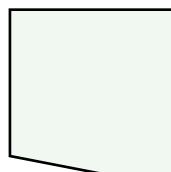
GJ ColourLite Screen offers a range of solid opaque colour options suitable for external spandrel and cladding applications.

Features

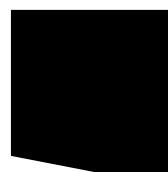
- Range of standard colours
- Custom colour matching to standard PANTONE® or RAL colour range available on request
- Durable finish
- Fade resistant

Standard colours

- White
- Black
- Charcoal
- Cement Grey
- Basalt
- Gannet
- Pewter



White



Black



Charcoal



Cement Grey



Basalt



Gannet



Pewter

ColourLite

GRAPHIC

GJ ColourLite Graphic allows for basic patterns or multiple designs to be created, offering a seamless flow across any artwork.

With excellent print registration, single or multi-coloured patterns can be printed with minimal joint allowances between glass panels. Incorporating GJ ColourLite Graphic into vision panels or overhead glazing will improve occupant comfort by reducing the Solar Heat Gain properties of the glass.

Features

- Range of standard colours
- Durable finish
- Single and multi-colour printing
- Standard or custom patterns

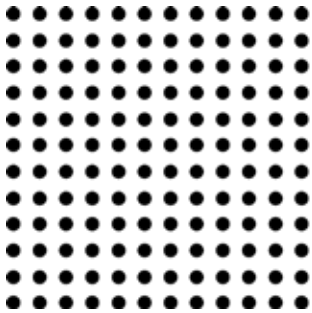
Exterior applications

- Building façades
- Awnings
- Signage
- Shopfronts

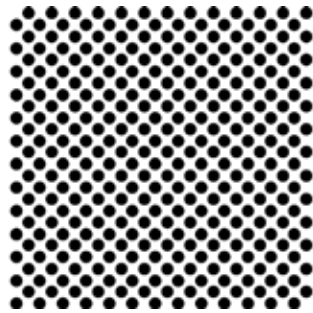
Interior applications

- Partitions and room dividers
- Signage
- Shower walls
- Feature walls

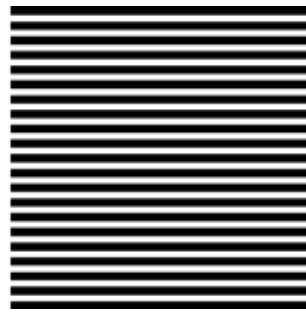
Standard patterns



3mm dots set at 90°



3mm dots set at 45°



3mm Lines



Gumleaf



ColourLite

IMAGE

GJ ColourLite Image offers print quality reproduction of stunning full colour photorealistic images while still offering the durability of ceramic ink.

Unique 'double perforated' printing is also possible where the desired colour image is visible outside, while on the inside the building occupants view a series of black perforated dots. This product achieves both a decorative design and light diffusing (shading) qualities.

Features

- Large range of colours
- Durable finish
- Ability to print any graphic image
- Artwork

Exterior applications

- Building façades
- Signage
- Shopfronts
- Artwork

Interior applications

- Partitions and room dividers
- Feature walls
- Shower walls and splashbacks
- Signage



ColourLite

DECO

GJ ColourLite Deco offers a wide range of coloured or reflective interior options to achieve desired visual effects and/or safety requirements.

Features

- Vast range of applications
- Easy to maintain
- Smooth uniform appearance
- Reduced lead time

Applications

- Feature walls
- Splashbacks
- Wardrobe doors
- Shower screens



G.James ColourLite range of painted glass allows a truly distinctive impression to be created with individual design concepts.

FEATURES

- Unlimited design options
- Complete creative control
- Expansive range of colours
- Excellent scratch resistance
- Tight registration of double images
- Durable finish
- Fade resistant

APPLICATIONS

- Building façades
- Interior fitout
- Overhead glazing
- Dot matrix borders (automotive/marine)
- Signage
- Artwork

HOW TO SPECIFY

Select
GJ ColourLite
Product name
Refer to size availability, file setup and
application chart

G.James ColourLite range of glass provides options to meet any design requirements.



GJ COLOURLITE SCREEN

SIZES	STANDARD COLOURS	
Min 300mm x 200mm Max 4000mm x 2400mm	White Black Charcoal (PMS 7546) Cement Grey (PMS 427)	Basalt (PMS Cool Grey 10) Gannet (PMS Cool Grey 11) Pewter (PMS 422)
	Custom colour matching to standard PANTONE® or RAL colour range available on request	

GJ COLOURLITE GRAPHIC

SIZES	DIGITAL FILES (VECTOR FILES)
Min 300mm x 200mm Max 4000mm x 2400mm	Format: DWG, PDF, EPS or AI Colour space: RGB or CMYK Spot colours other than the standard range to be replaced with suitable RGB or CMYK colour values Convert text to outlines

GJ COLOURLITE IMAGE

SIZES	DIGITAL FILES (BITMAP & VECTOR FILES)
Min 300mm x 200mm Max 4000mm x 2400mm	Vector Format: DWG, PDF, EPS or AI Bitmap Format: PSD, JPG or TIFF Resolution: 720 DPI Colour space: RGB or CMYK Spot colours replaced with suitable RGB or CMYK colour values Convert text to outlines Image upscaling service available on request

GJ COLOURLITE DECO

SIZES	APPLICATION
Min 300mm x 200mm Max on request	Interior applications only Sizes, types, colours vary by application, contact your G.James representative

COLOUR MATCHING – GJ ColourLite inks have a unique colour gamut therefore we cannot guarantee the same accuracy in colour matching as traditional 4 colour process printing. GJ ColourLite Image and GJ ColourLite Graphic colour libraries should be referred to as a guide only.

GJ ColourLite Screen is not recommended for use in applications where back lighting may occur.

Contact G.James for applications where the painted surface is directly exposed to the elements or prolonged contact with moisture.

G.James does not recommend ceramic paint be applied to the surface of coated glass products.

Variation in perceived colour may occur with painted products. These variations will be more apparent with light colours viewed on site. The area behind the glass must be of a uniform colour to avoid shadowing or read through effects. To avoid potential issues, it is recommended that full size prototypes incorporating all specified spandrel materials are viewed on site.

Product warranty is subject to the relevant glazing application and should be discussed with G.James.



FREECALL 1800 452 637

Glass Products

gjames.com

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Eagle Farm QLD 4009

New South Wales

26 Long Street
Smithfield NSW 2164

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Campbellfield VIC 3061

Other G.James Branches: (Qld) Eagle Farm, Logan City, Narangba, Ipswich, Gold Coast, Toowoomba, Sunshine Coast, Gympie, Hervey Bay, Bundaberg, Rockhampton, Mackay, Townsville & Cairns; (NSW) Sydney, Lismore, Newcastle, Taree & Queanbeyan; (SA) Adelaide & (ACT) Canberra.

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