

DESIGNVISUAL

ARCHITECTURAL FINISHES & INSTALLATIONS

DISCOVER THE POSSIBILITIES

Jesmonite is the ultimate chameleon material of the building industry - it can be used to **replicate the appearance and texture of any surface** in any number of colours.

Design and Visual Concepts is a market-leading Jesmonite manufacturer. Our project and technical experts have broad experience in the design, production and installation of architectural Jesmonite.

From projects of high architectural demand to bespoke architectural mouldings, Design and Visual Concepts deliver Jesmonite manufacturing of exceptional quality and standards.

Columns, panels, internal & external cladding, cornice, mouldings, feature installations and more are all possible, in any shape, size or colour. With Jesmonite, finished installations are as durable as they are aesthetically pleasing.

Approved manufacturer

JESMONITE® MADE FROM

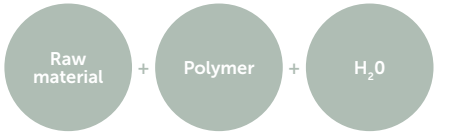
Whatever the building, whatever the sector, we can custom-design and manufacture a bespoke solution to your exact requirements.

WHY CHOOSE JESMONITE?

Jesmonite is safe and malleable, versatile, adaptable and easy to use.

Jesmonite is quicker and cheaper to work with than stone – it is strong and weatherproof.

Jesmonite's products are composite materials – a combination of natural raw materials with a special blend of water based pure acrylic polymers create a unique family of materials that have a number of product benefits making Jesmonite superior to other building materials.



Stronger
Strong, flexible and more durable, making it high impact resistant.

Lighter
Lighter than stone, glass-reinforced concrete, sand and cement products - perfect for film sets.

Safer
Independently fire rated in accordance with European Fire Classification EN 13501-1. Solvent free with no VOCs.

Finer
Replicates the very finest detail with superior weathering qualities.

Greener
Water based not solvent based, making it kinder to the environment.

More choice
Can be pigmented to any colour or RAL reference. It can also mimic any texture and reproduce the effect of materials such as stone, metal, wood, leather and fabric.



AC100

AC100 Decorative Casting

AC100 PRODUCT BENEFITS

Jesmonite AC100 is an acrylic composite material supplied in two parts, a base and a liquid. It is suitable for both decorative castings and glass reinforced laminates, and can be pigmented using the Jesmonite range of water-based pigments.

Jesmonite AC100 can be used both internally and externally*. It is safe to use and contains no solvents or Volatile Organic Compounds (VOCs).

BENEFITS

- Superior cast and glass reinforced mouldings
- Solvent free & no VOCs
- Fire resistant
- Lightweight
- Impact resistant
- Moisture resistant

* External use requires the application of a suitable sealer or external paint system for long-term exposure.

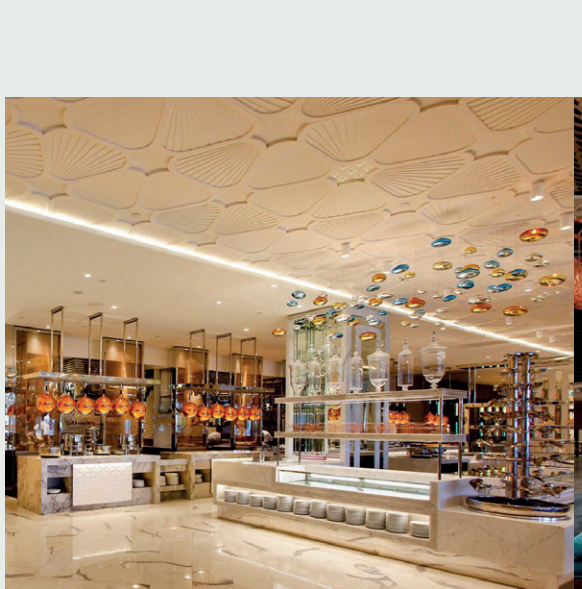
USES

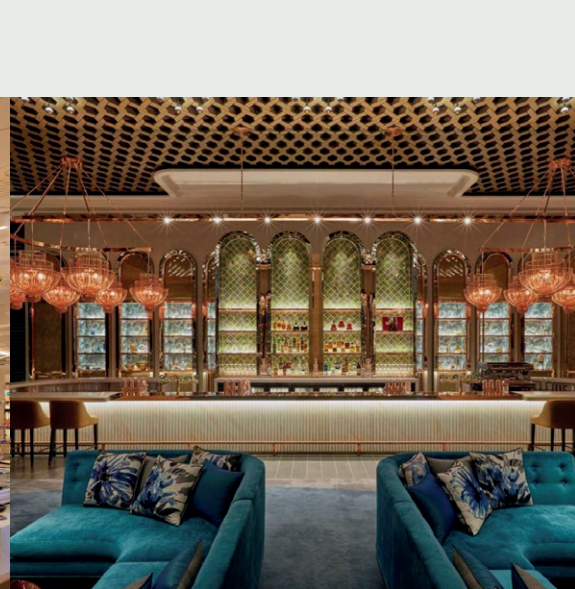
- Ceiling Features
- Cornices
- Skirtings
- Column Cladding
- Feature Walls
- Wall Panelling
- Impact Zones
- Swimming Pools
- Winter Gardens
- Steam / Saunas

THE CROWN TOWERS HOTEL

The Crown Towers Hotel in Perth is the largest hotel constructed in Western Australia, incorporating 500 luxury rooms, suites and villas within a world-class resort complex. The project brief was to manufacture and install a 155sqm decorative petal ceiling and 50sqm lattice ceiling using AC100.

AC100 was the chosen material for this project as it can **replicate virtually any surface, shape, colour, or texture** which gave the designers freedom to create their concepts without limitation.





AC730



AC730 Decorative Concrete

AC730 PRODUCT BENEFITS

Jesmonite AC730 is a fast setting acrylic modified cement composite. The system is designed for glass reinforced decorative structures and can also be used for small castings. It is chemically compensated against shrinkage and is of low permeability.

AC730 is a decorative concrete - lighter than stone, glass reinforced concrete, sand and cement products.

BENEFITS

- Superior cast and glass reinforced mouldings
- Solvent free & no VOCs
- Fire resistant
- Lightweight
- Impact resistant
- Weather resistant
- UV Stable
- No efflorescence
- Less variations than real stone

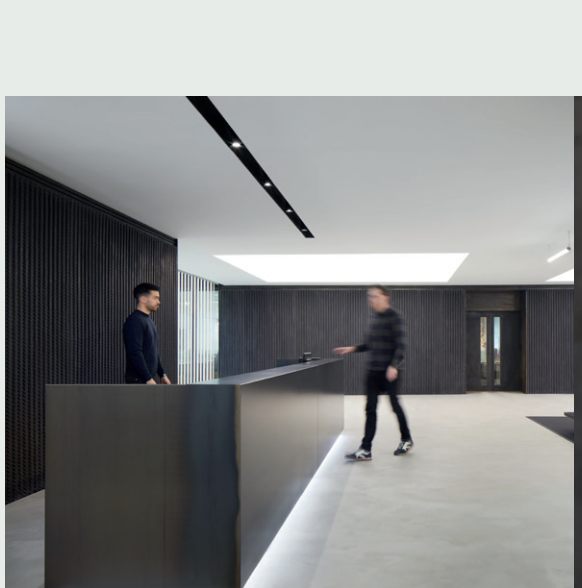
USES

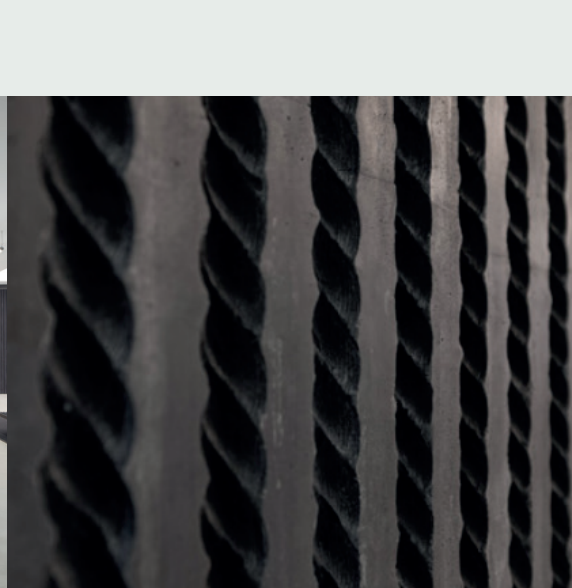
- Internally and Externally
- Ceiling Features
- Cornices
- Skirtings
- Column Cladding
- Feature Walls
- Wall Panelling
- Impact Zones
- Swimming Pools
- Winter Gardens
- Steam / Saunas

200 HAMMERSMITH

Design and Visual Concepts were commissioned by Royal London Asset Management to manufacture and install AC730 to the reception area of 200 Hammersmith Road. The architect had a design concept of a rope theme running throughout the build. Black Jesmonite AC730 panels with a rope pattern were manufactured and installed onto a framework hook and rail system.

AC730 was chosen because a rough textured finish was specified and this cement based composite material delivers this effect. Factors such as the non-combustibility, flexibility and strength to weight ratios also featured in the decision making.





HSBC



Manufactured by Feathercast, Make Architects

Jesmonite have helped HSBC meet its environmental commitments by assisting with the building of a new headquarters in Birmingham by creating a feature wall in the reception area of the new offices.

Managing director, Piran Littleton said:
"We are delighted to have been part of the green credentials HSBC has striven for in the development of its new UK headquarters in Birmingham. The new office had to fit in with HSBC's global commitment to reducing carbon emissions and has been awarded the Gold Accreditation for Leadership in Energy and Environmental Design.

Jesmonite AC730 was used to create a feature wall in the reception area of the main foyer, not only because of its chameleon-like ability to match the surroundings so effectively but more importantly because of the green qualities it possesses – particularly compared to more traditional building materials."



Flex Metal Metallic Surfaces

FLEX METAL PRODUCT BENEFITS

Jesmonite Flex Metal Gel Coats are supplied in four finishes, Bronze, Copper, Brass and Silver Bronze. They are designed to be mixed with Jesmonite Flex Metal liquids to create a metal gel-coat that can be applied into moulds, or onto coated substrates such as polystyrene foam pre-coated with AC730. Metallic surfaces can be waxed, sealed or have a patina applied just like real metal. Flex Metal Gel Coats are an economical way of achieving beautiful metal finishes at a fraction of the cost.

BENEFITS

- Real metallic finishes
- Solvent free & no VOCs
- Looks and feels like metal
- Easy to use
- Cheaper than metal

USES

- Internally and Externally
- Ceiling Features
- Column Cladding
- Feature Walls
- Wall Panelling
- Artwork
- Decorative Pieces

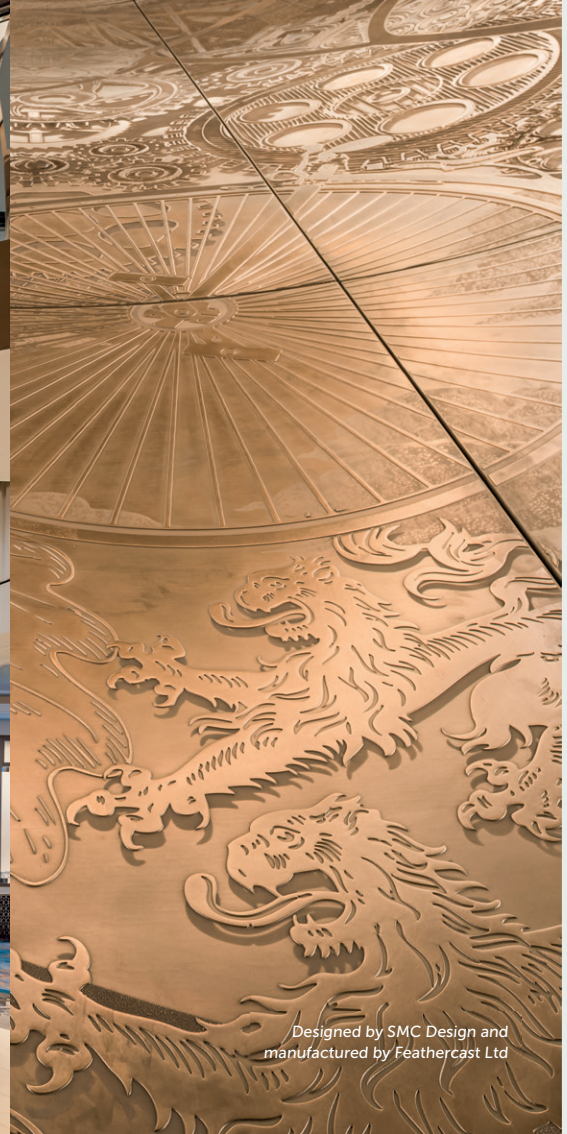








SAGA



Designed by SMC Design and manufactured by Feathercast Ltd

Five years in the planning, the 58,250-ton Spirit of Discovery is Saga Cruises' first new-build ship. The line's mission was to create a luxurious, "boutique" ship for British cruisers, with a balcony for every 999 guests and interiors inspired by hotel design.

Everything from the fabrics used to the 1,000-piece, £1million, art collection is a gentle celebration of things British.

Jesmonite Flex Metal was used to create bronze effect decorative panels for this elaborate feature wall.

All Jesmonite materials are tested under the Euroclass System of reaction to fire, but in order to win the contract Jesmonite had to demonstrate the safety of the materials to International Maritime Organisation standards (IMO). The criteria for smoke generation, toxicity and low flame spread were all successfully achieved in compliance with IMO regulations and the International Convention for Safety of life at Sea, 1974.

OUR MANUFACTURING EXPERTISE

Design and Visual Concepts has been working with Jesmonite as a material for over 10 years, turning architects' visions into practical builds and installations.

From initial design guidance through to complete consultation, we provide total specifier support. Our expert team provides advice and technical input for designing, specifying and installing Jesmonite based solutions.

Our bespoke offering includes:

- Full take-offs and concise quotation schedules
- Design input and consultancy
- Stresses, loadings and fixings advice
- Typical fixing recommendations and in-depth site installation advice
- Product samples and colour matching
- Case studies

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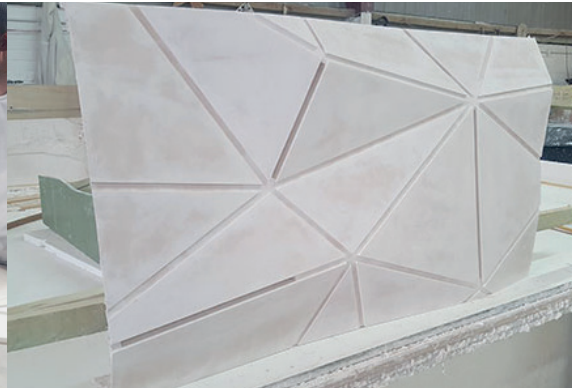

From initial design meetings to project workshops, our team work as an integral part of the specification process from concept to project sign-off.

Our people have decades of experience and a rich background of successful projects

Our design capability and expertise ensures we get it 'right' for our clients

We manufacture off-site from our South London premises maximising accuracy

We support our clients at every step and look to actively collaborate at all times

We take responsibility from project inception to project close; design, manufacture and install

Our geographical reach means we can deliver projects around the UK

GET IN TOUCH

Our collaborative approach - with Jesmonite the product inventor, and Design and Visual Concepts the manufacturer and installer, allows us to offer the best advice and technical support to creators of innovative design projects.

Design and Visual Concepts – Manufacturer and Installer

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