

MONARCTM
CREATIVE PRECAST PANELS

Concrete can be beautiful



ECO FRIENDLY
SUSTAINABLE
PRODUCT



MULTI
AWARD
WINNING

ABOUT MONARC

Award-winning, architecturally specified product Monarc Creative Precast walls panels are easy to select and incorporate into any type or size of building project.

Monarc panels provide both structural and architectural building properties. Natural colours, surface textures and decorative detailing give you effective design dynamics, while structurally ensuring concrete strength and longevity.

Monarc's excellence is the result of ongoing Research & Development, bringing together the best concrete blends, production skills and the latest in global refinement technology.

A world class leader in Pre-cast Concrete, Monarc continues to set new benchmarks in capability and quality. Choose from either the instant product selection or explore your own bespoke design ideas. Open up your imagination and discover for yourself how Monarc can transform your own innovative and creative ideas into concrete reality.

Monarc for Architects:

- ✓ Architectural Freedom
- ✓ Unlimited Colours
- ✓ Modern Surface Textures
- ✓ Precision Decorative Detailing
- ✓ Bespoke Signature Solutions

Monarc for Owners / Developers:

- ✓ Dynamic 'Wow' Factor
- ✓ Quality and Intelligent selection
- ✓ Economical and Attractive
- ✓ Resell / Tenancy Desirability
- ✓ Reduced Term of Life Costs

Monarc for Builders:

- ✓ Faster Build Time
- ✓ Reduced Resources
- ✓ Construction Efficiencies
- ✓ Reduced H&S Exposure
- ✓ Quality Product & Service

Monarc for Tenants:

- ✓ Quality Brand Complement
- ✓ Premium Aesthetics
- ✓ Greater Sublease Desirability
- ✓ Manage and Deter Graffiti
- ✓ Increased Pedestrian Safety



The Isaac

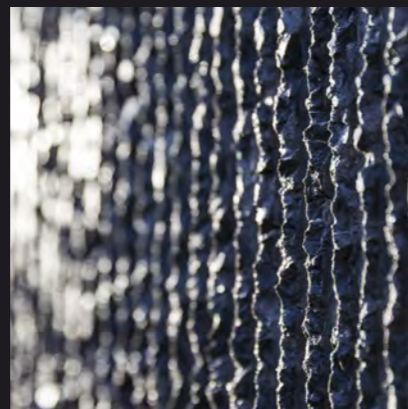
Feature walls, balconies, planters, bollards and external precast walls contrast with cleanly defined sections of Monarc Black Caviar and Mascarpone concrete. Further contrast is achieved using Monarc's grated and Diamond honed surface finishes.

Colour: Monarc Caviar 0519
Monarc Mascarpone 0019

Texture: Full coverage Detailing

Detail: Monarc Grated 0508-08
Hand honed edges

Architect: Ockham Group



Rautara Street

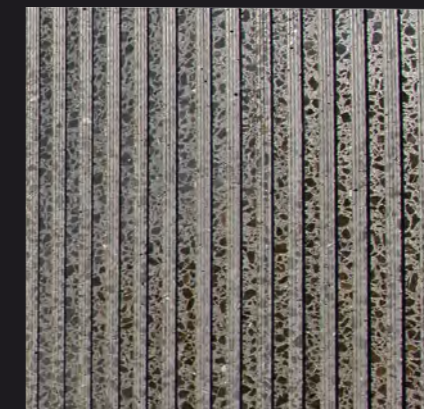
Two townhouses on a subdivided city site use custom Monarc structural precast panels with diamond cut rebates to create a distinctive architectural style. The thermal insulation that Monarc panels offer also contributed to the superior energy efficiency of the buildings.

Colour: Monarc Caviar 0519

Texture: Monarc Diamond Honed 5000

Detail: Monarc ribbed 2010 - 40

Architect: Millennium Architecture



Monarc provides residential dwellings extended durability and longevity compared to traditional building materials. With concrete fast becoming the building medium of choice, Monarc provides architects and designers with the freedom to explore a bespoke approach to design and creativity. Monarc Panels are also thermally insulated to unparalleled performance levels.



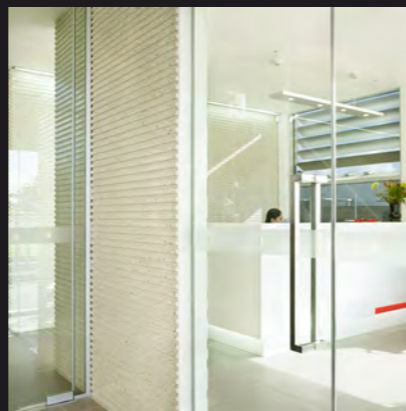
RESIDENTIAL



Nauhria Group

Vertical black columns surround strip glazing and combine with the random textured horizontal detailed grain of Monarc's Eternity design. Concrete walls featuring Mascarone multi finish and textured panels lighten the interior environment.

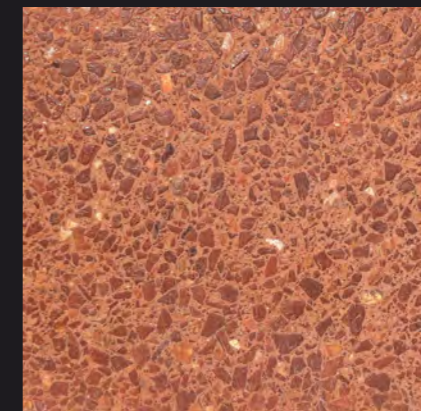
- Colour:** Monarc Caviar 0619
- Texture:** Monarc Diamond Honed 5000
- Detail:** Monarc Eternity 50
Diamond Hand honed edges
- Architect:** Stiffe Hooker



Carlaw Park Village

Previously a stadium, Carlaw Park is now home to Auckland University's new student accommodation village. Monarc precast facade panels help integrate multiple buildings using natural colour enhanced by areas of concrete stain to deliver a matrix of beautiful sectional panels.

- Colour:** Monarc Tabasco 0519
- Texture:** Monarc Diamond Honed 5000
Monarc Diamond Brushed 320
- Detail:** Cast-in section Delineations
- Architect:** Warren and Mahoney



Monarc gives the freedom to explore totally innovative approaches to precast design. Architectural companies can develop signature solutions for projects through specification of custom colours and creative new textures. Laser precision ensures the accuracy of detailing, regardless of the intricacy, while using Monarc panels also reduces construction and subcontractor costs.



COMMERCIAL



St Marys Gymnasium

Structural wall panels and double-sided columns are Diamond Honed revealing the natural beauty of the Monarc Oyster concrete blend. Panel breaks are used to make up the feature cross to the roadside front fascia.

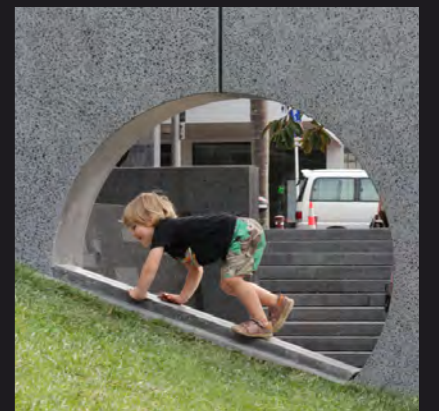
- Colour:** Monarc Oyster 0019
- Texture:** Monarc Diamond Honed 5000
Double-sided columns
- Detail:** Hand honed edges
- Architect:** RCG



Hurstmere Green

Hurstmere Green exemplifies the sustainability attributes that Monarc provides through social, environmental and economic benefits. The park features Monarc precast retaining walls and textured precast paving and step components.

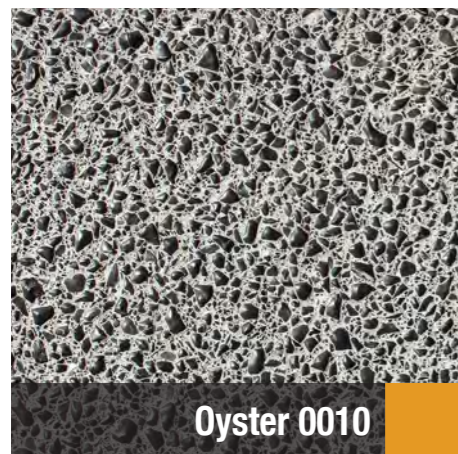
- Colour:** Monarc Caviar 0519
- Texture:** Monarc Diamond Honed 5000
- Detail:** Monarc Grated 0502 - 08
Milled Drain Profiles
Routed Decorative Design
- Architect:** Sills van Bohemen Architects



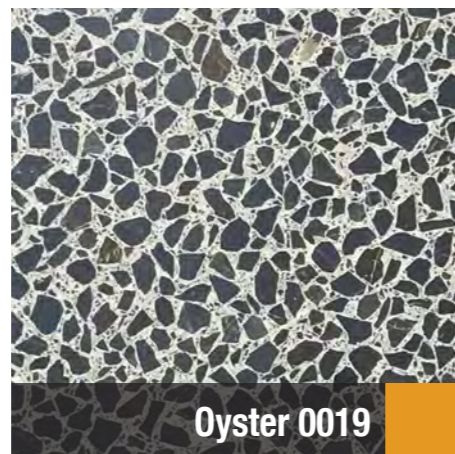
EDUCATION



LANDSCAPE



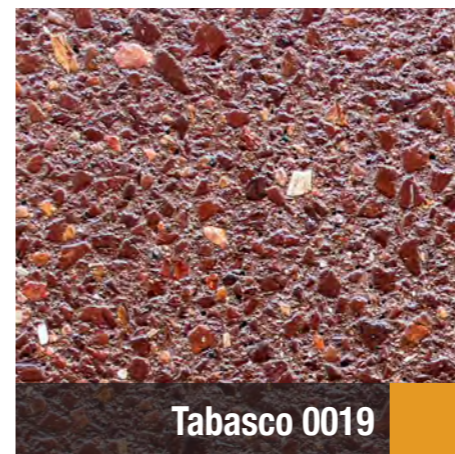
Oyster 0010



Oyster 0019



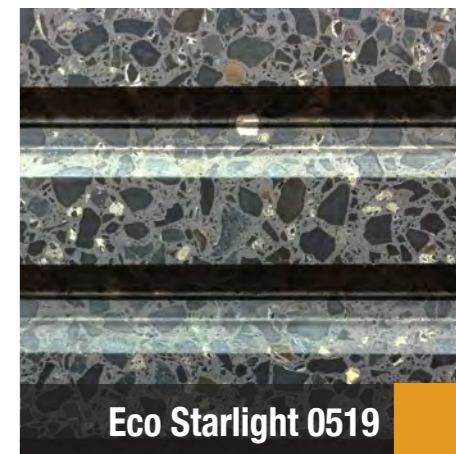
Caviar 0810



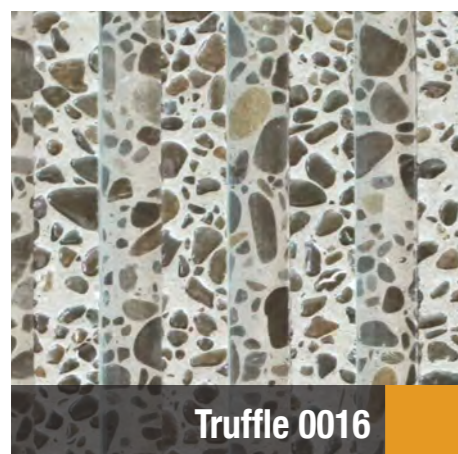
Tabasco 0019



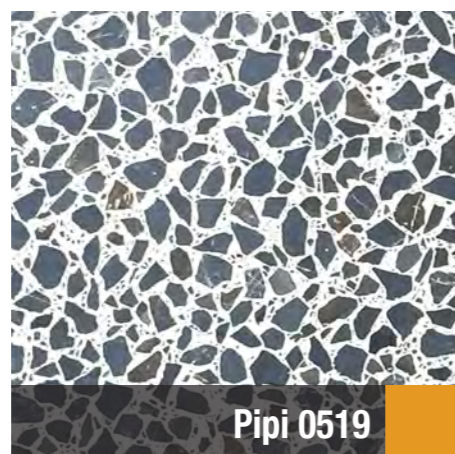
Sambucca 0513



Eco Starlight 0519



Truffle 0016



Pipi 0519



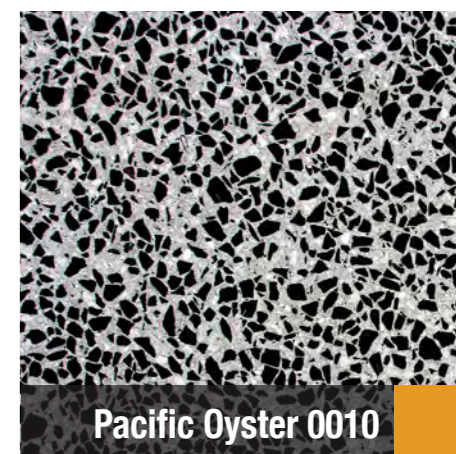
Mornay 0520



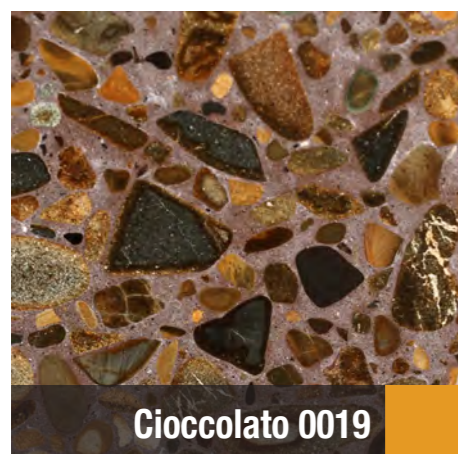
Schitake 0510



Tuscan 0019



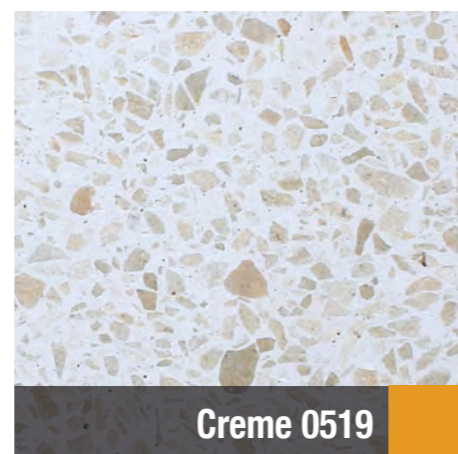
Pacific Oyster 0010



Cioccolato 0019



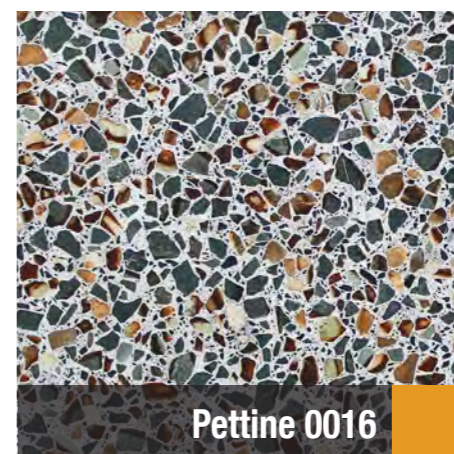
Mascarpone 0019



Creme 0519



Poivre 0510



Pettine 0016



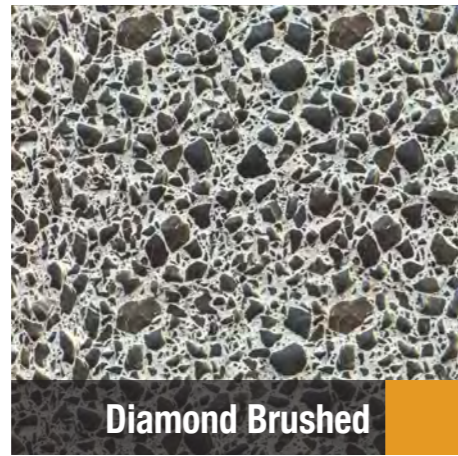
Chaudree 0519

Ranging from rich blacks to subtle whites, Monarc's colour attributes are achieved through the combination of natural ingredients including sands, oxides and locally abundant aggregates. Simply select a colour from the range, or work with your Monarc representative to develop your own personal design. With New Zealand's highly damp climate, it is recommended that all precast panels be dressed with a reputable coating or sealing type product. Please note: Colours are expected to have some variation from panel to panel due to natural climatic conditions or simply to the length of time that panels have cured before delivery to site.





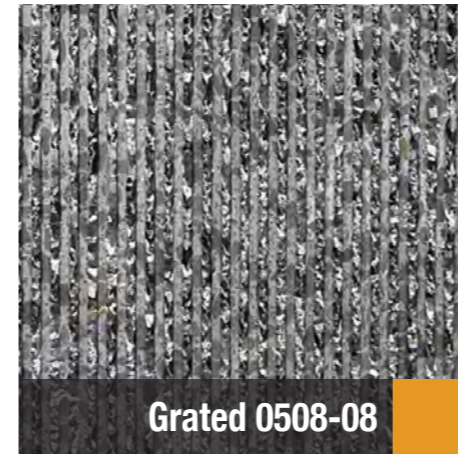
Diamond Honed



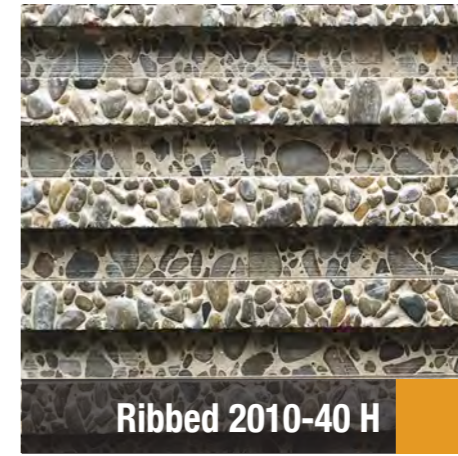
Diamond Brushed



Diamond Hammered



Grated 0508-08



Ribbed 2010-40 H



Corrugated V4515-90



Full Coverage Detailing



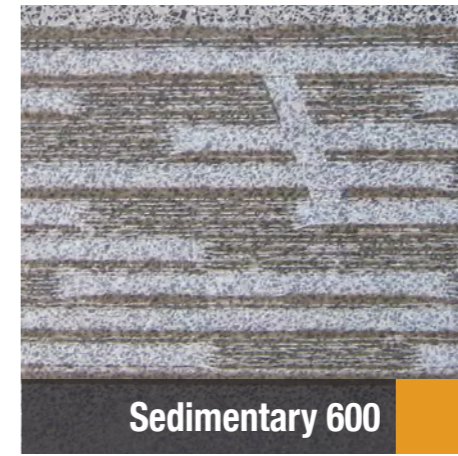
Hand Honed Edges



Lumberjack



Block Stack 240x90



Sedimentary 600



Eternity 50

Texture

Equipped with the latest in global diamond processing technology, Monarc can refine the surface of precast concrete panels with absolute precision and efficiency beyond any other technology available.



Blade Cutting



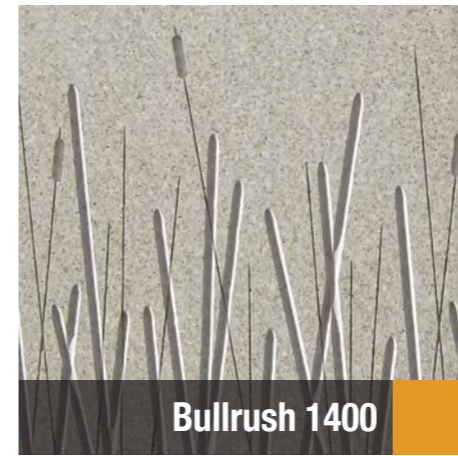
Milled Rebates



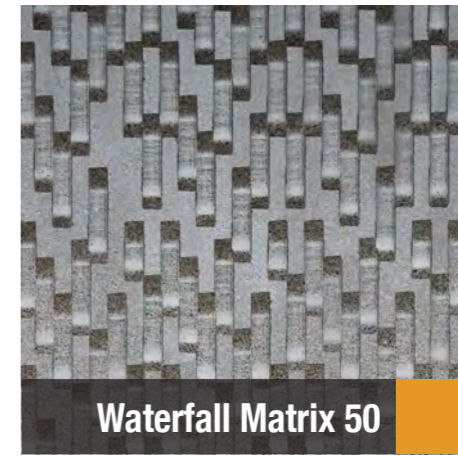
Graphic Routing

Detailing

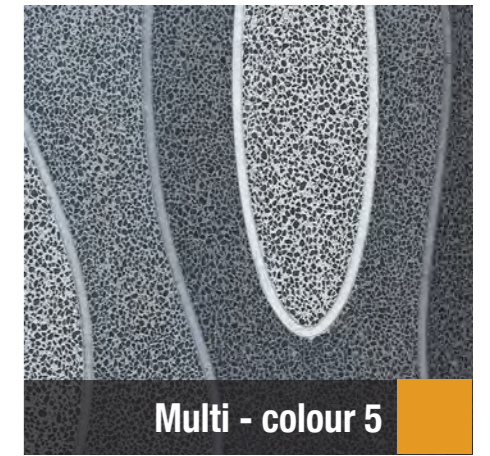
Monarc gives you the artistic freedom to express creativity through bespoke detailing by milling, cutting and routing the panels. Combined with custom colours and textures, you can create unique panels that reflect your architectural style.



Bullrush 1400



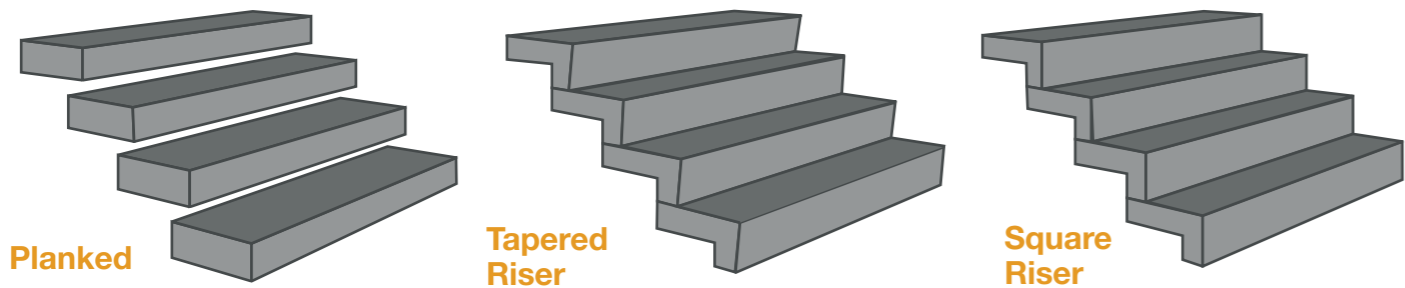
Waterfall Matrix 50



Multi - colour 5

Predesigned Detailing

Detailing is great for creating wow factor, a point of interest, textural grain, flow or artistic rendition directly onto the panel surface. Monarc's range of predesigned detailing options makes specification easy, and will add a distinctive feature to a building's aesthetics. The predesigned detailing range is created using Monarc's precision technology to produce panel designs including ribbed and corrugated, as well as intricate routed options.



Treads

Monarc delivers a superior and more functional surface finish which is ideal for treads and risers. Select from three stepped designs and two anti-slip detailing features to create the look best suited to your building design.



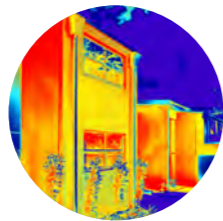
Naturally Neutral

Nature's earthen tones provide the perfect complement to any brand identity or decor



Sustainability

Monarc offers unique sustainability attributes through its products and manufacturing processes



Thermal Insulation

Achieve comfort and climate stability in both summer and winter and create a healthier home



Functionality

Consider the effects of abrasiveness, as well as managing graffiti and the ease of removing tagging



Green Production

Full waste recycling; no chemicals used in manufacturing; smart energy consumption.

Benefits

Simply add to your Architectural drawings

- Specify the panel as Monarc and the minimum structural thickness. (Rebate depth is additional)
- Add 'Without Substitution' to ensure you get what you expect.
- Select and specify Monarc Colours:
- Select and specify Monarc Textures:
- Select and specify Monarc Detailing
- Nominate your Designated Supplier and let them know

For further assistance with product specifications
 Checkout Masterspec Section 3130M
 Contact your Monarc representative

Monarc Precast Panels - 150mm structural thickness (Without Substitution)

Colour: Monarc Mascarpone 0019
Texture 1: Monarc Diamond Brushed 320 - MF Top
Texture 2: Monarc Diamond Honed 5000 - MF Bottom & NF

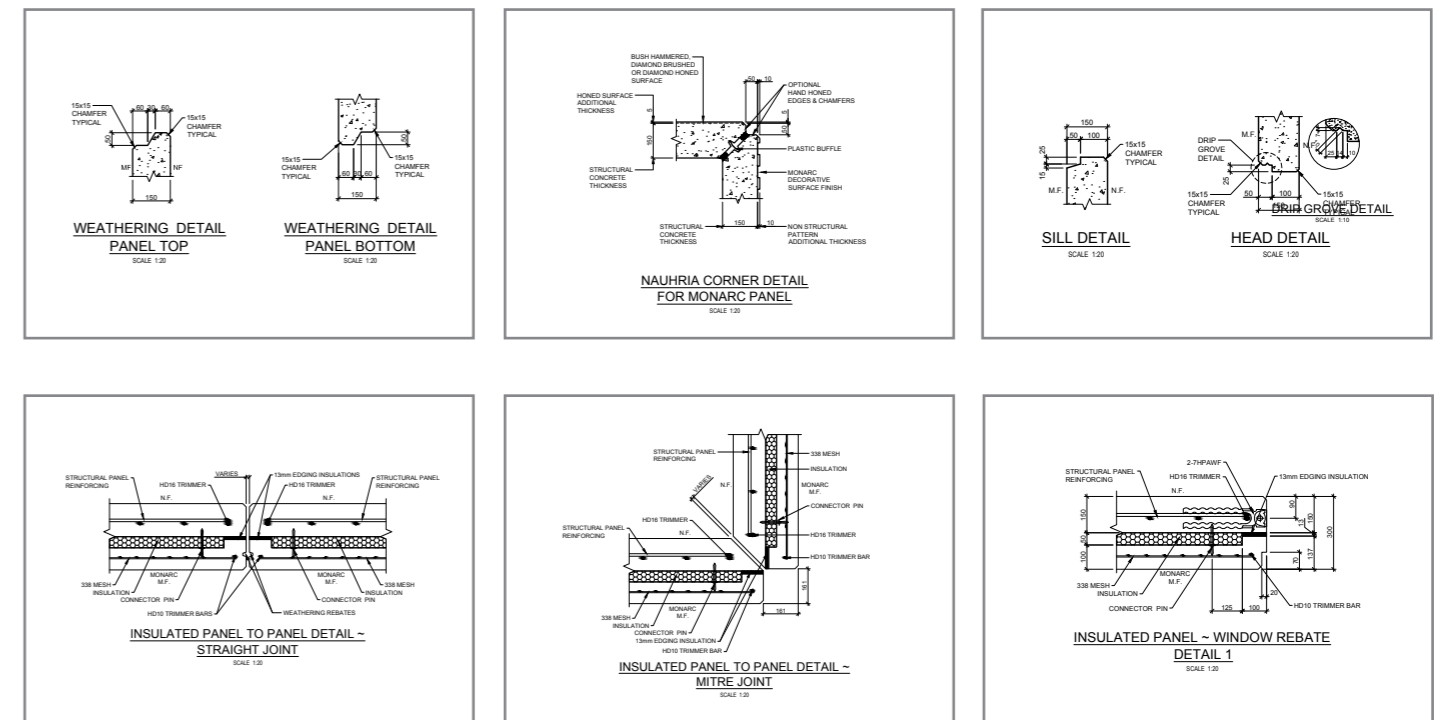
Detail 1: MF: Monarc Waterfall 5008-50 Design to lower half of panel
Detail 2: MF: Monarc V Milled delineation between Top and Lower sections
Detail 3: NF : Nil
Panel edges: Hand Honed Top and Side edges and 15x15mm honed chamfers.

Designated Supplier:

Nauhria Precast Limited
 39 Hobill Ave, Wiri, Auckland
 Phone (09) 262 1065
 Email: sales@nauhria.co.nz
 www.nauhria.co.nz

Getting exactly what you want on your project requires exact specification, Monarc makes it easy to select product and to specify the finishing of Precast Concrete elements.

How to specify



A full selection of downloadable details are available in File types: .DXF .DWG .PDF from www.monarc.co.nz

Technical

For all enquiries please contact:

Nauhria Precast Ltd
39 Hobill avenue, Wiri
Auckland, NZ

Phone: 09 262 1065
Email: monarc@nauhria.co.nz
www.monarc.co.nz

Contact in
confidence
today

Take the
next step

- Get your copy of the Monarc Brochure
- Visit Website www.monarc.co.nz
- Request a Monarc presentation
- Request a Monarc factory visit and experience Monarc first hand
- Ask for personal support and specification development

MONARCTM
CREATIVE PRECAST PANELS

Concrete can be beautiful

Natural Concrete Irregularities

It is acceptable and normal that inherent irregularities in concrete appearance can occur both within and between precast concrete units. This is due to the naturally occurring properties of raw ingredients and uncontrollable influences during the manufacturing process, including weather, batching, processing and handling. For further details, please refer to the Monarc website: www.monarc.co.nz

Download this brochure

