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CSR Lines Gateway to Success

- **Cutting edge design**
- **Spectacular results**

The creation of more than 100 new shops as part of the \$77 million redevelopment of Cockburn Gateway Shopping Centre in Success, on the outskirts of Perth, has fast become a drawcard for visitors from far and wide. The clean modern lines of the sharp interior design have set the tone for a chic shopping experience.

Approximately 29,900 sq m of CSR products have been used to striking effect in the building's exterior and interior walls and ceilings. Project builders Doric Construction contracted local firm Systeck Commercial to undertake the installation of linings to the building's walls, ceilings and bulkheads, as well as to the external walkways. Jamie Lipple, Director of ceiling experts Systeck Commercial, says that CSR Lightweight Systems's products were the natural choice for the job.

"We only use CSR products for projects of this kind. From experience of previous jobs, we know that they are durable and that we will receive first rate support from CSR's technical service. The quality and reliability of CSR products also means its use puts the project builder's mind at ease."

The size and complexity of the project meant that Jamie's team of 25 men took 19 months to install nearly 14,000 sq m of Gyprock® Plasterboard and Cemintel™ Wallboard to line the mall's new extension. For the extension's exterior walkways, Systeck Commercial installed approximately 1,000 sq m of Cemintel™ Compressed Fibre Cement Sheet and Wallboard. Ceiling linings made up the rest of the products used.

Jamie says that everyone connected with the job should be congratulated.

"Anyone who has visited Gateway, or has seen photos of it, can tell you just how spectacular it looks. The food court, which alone took us eight weeks to fit, looks incredible. I would like to thank my team for doing an excellent job, and CSR Lightweight Systems for all of their help and technical advice throughout the project."

CSR Unveils New Generation Façade System

new product



- **New lightweight façade system gives design flexibility for second storey extensions**

CSR Fibre Cement Systems has launched Residential RendaLine™, an innovative lightweight façade system for residential buildings.

The system has been designed for residential projects, and is ideal for upper storey additions. It can be used on new and existing homes, extensions, as well as light commercial applications.

The launch of Residential RendaLine™ coincides with growth in the total expenditure by Australian homeowners on second storey extensions; in 2005 the figure stood at \$1.05bn, with the amount rising to \$1.147bn in 2006*.

Residential RendaLine™ is CSR's latest advance in residential external cladding system technology. It allows builders and renovators to produce the look of rendered masonry-style exteriors with the ease of lightweight construction to offer a sleek, contemporary look. The system utilises a standard timber or steel structural frame with a batten spacer fixed to the outside of the framing. RendaLine™ sheets are then affixed to the battens.

Designed as a complete system, Residential RendaLine™ can be used in conjunction with other

Cemintel™ products, such as RendaLine™ Preformed Reveals, Window Sills and Corners to form corners, recessed windows and door openings to complete the cladding process. The Cemintel™ Jointing and Coating system can then be applied to provide a seamless, durable finish.

Mike Fraser, General Manager of CSR Fibre Cement Systems, says that Residential RendaLine™ is a unique product in the housing façade systems market:

“RendaLine™ is a significant advance on other cladding products on the market. There is no other system currently available that provides the depth profile and isolation from the building frame, which is of lightweight construction. This allows specifiers the freedom to create a true masonry look with the design flexibility of a lightweight system.

“RendaLine™ has been designed to complement CSR's range of texture coat products, meaning that we can offer a complete system, from board to coating.”

Cemintel Residential RendaLine™ is available via the nationwide re-seller network. To find your local stockist visit www.cemintel.com.au or call 1300 CEMINTEL.

*HIA Renovations Monitor December 2006

CSR group



CSR Fricker Ceiling Systems Expands with USG Ceiling Tiles

CSR Fricker Ceiling Systems has been chosen as a distributor for USG Australasia's (USG) range of mineral fibre acoustic ceiling tiles and steel grid.

USG is one of the leading global manufacturers of ceiling systems. Combined with the extensive distribution network of CSR, the partnership will mean CSR Fricker Ceiling Systems will be in a position to provide the commercial ceilings market with the widest choice of high quality ceiling products at numerous distribution outlets across the country.

CSR Fricker Ceiling Systems, the specialist ceilings arm of CSR Lightweight Systems, will distribute the products direct to major projects and customers via its dedicated ceilings distribution centres, its extensive network of Gyprock® Trade Centres, and selected

Gyprock® Internal Lining Specialists nationwide.

With its high acoustic rated Ecophon glasswool tiles, metal ceilings for chilled beam applications, unique E-Net Soloton tile for enhanced wireless connectivity and a broad range of top quality mineral fibre tiles, CSR Fricker Ceilings now has the grid and tile package to suit all commercial ceiling requirements. It also has a trained and dedicated service team that can assist its customers with specification and product selection through to product delivery and installation, if required.

Details of the new USG range and other products in the extensive CSR Fricker Ceiling Systems package can be obtained by calling CSR Fricker Ceiling Systems on 1300 FRICKER (1300 374 253) or your CSR Gyprock Account Manager.

MiTExTM
ADVANCED COATING SYSTEMS



MiTEx Advanced Coating System Adds New Layer to CSR Product Range

MiTExTM Advanced Coating Systems is a new range of coatings from substrate experts CSR that adds an exciting new dimension to the Australian texture coating market.

Created specifically for building industry professionals, the extensive range of MiTexTM preparation and texture coat products has been designed for rendering all common exterior substrates, including fibre cement, brick and block masonry, concrete and autoclaved aerated concrete.

MiTExTM Advanced Coating Systems consists of acrylic or polymer modified cement preparation products combined with acrylic texture coats to produce a variety of profile depths and patterns to achieve an attractive, durable finish.

As Australia's leading building systems manufacturer, CSR has applied its extensive knowledge of substrates to develop a range of products that are compatible with all kinds of substrates. MiTexTM coatings are backed by a dedicated CSR support team to provide expert technical advice on the use of the products.

MiTExTM Advanced Coating Systems are now available from the MiTexTM Trade Centre, Silverwater, NSW. Further outlets will be rolled out across Australia on an ongoing basis.

For further information on MiTexTM Advanced Coating Systems, please visit www.mitex.com.au or call 1300 MITEX 1 and request a product guide and technical brochure.

CSR Gyprock and Bailey Interiors Make First Class Impression on Qantas Flight Lounges

- **Bailey Interiors uses CSR's Casting Plaster to create lasting impression in Qantas flight lounges**

The stylish use of CSR's Casting Plaster by master craftsmen Bailey Interiors in the makeover of Qantas's first class departure lounges at Sydney and Melbourne Airports has shown how it can be used to striking effect.

As Australia's leading manufacturer of gypsum based materials, CSR Gyprock is renowned within the building industry for its plasterboard, cornices and finishing materials and accessories, as well as the best casting plaster available in Australia. Bailey Interiors is one of the largest specialised plaster products manufacturers in the country, and a long-time client of CSR Gyprock.

Bailey Interiors created specially designed fibrous plaster ceiling panels, which covered the length of the lounges' curved ceilings. Casting Plaster was used to mould and create the design. For the Sydney flight lounge, each panel was created with a slight curve to form a gradual bend to suit the shape of the newly designed terminal exterior.

Woods Bagot, the architects behind the redesign, selected Bailey Interiors because of its long standing reputation for its experience and innovative expertise in creating superior finishing standards. Through the expertise of the architectural designers, Bailey Interiors and CSR Gyprock, Qantas has set a standard for all first class international airport flight lounges across the world.

For more information on Bailey Interiors call (02) 9153 9326 or visit www.baileyinteriors.com.au

For more information on CSR's Casting Plaster call 1300 306 556 or visit www.gyprock.com.au

CSR Creates Viridian, the New Name in Glass

Viridian, the recently formed CSR architectural glass division, is a new force in Australasian glass design and manufacture. Created through CSR's acquisition of and merger of Pilkington (Australia and New Zealand) and DMS Glass in 2007, Viridian will be a company that is defined by its technical leadership, high-quality innovative products, value for money and its market leadership in the manufacture and promotion of energy-efficient and sustainable glass products.

As the largest architectural glass manufacturer and supplier in Australasia, Viridian aims to play a pivotal role in the way glass is created, transported, specified and used in buildings. Backed by CSR, Viridian has the resources and resolve required to lead the growth of the Australasian glass industry into the next decade and beyond.

case study



For further information contact Viridian on 1800 810 403, or visit www.viridianglass.com



Innovation Place Looks up to CSR Fricker Ceiling

• High profile project showcases tailor made CSR Fricker Ceiling system

The 20-storey, \$82 million Innovation Place commercial office tower in Sydney's CBD has become the latest high-profile showcase for the expertise of CSR Fricker Ceiling Systems in delivering fully integrated innovative ceiling solutions for major building developments.

CSR Fricker was engaged by Innovation Place's developer Townwood Pty Ltd and architects Cameron Chisholm & Nicol to provide a ceiling solution to fit the building's chilled beams system. As well as performing all of the regular functions expected of today's versatile modern ceilings, the solution had to cope with the complexities of active and passive chilled beam systems.

CSR Fricker supplied 12 different sizes and styles of perforated metal ceiling tiles for installation in the Fricker Easy Access System™. The top hat aluminium suspension system ensures that materials use for the life of the ceiling is reduced as it provides easier access to services, while minimising damage to tiles. It also provides excellent fit-out flexibility as tiles and lights can be rotated through 90° and partitioning can be screwed into the top hat profile, again avoiding unnecessary damage to the ceiling. Through advanced design and manufacturing processes, CSR Fricker was able to integrate the perimeter exposed chilled beams with the Fricker Easy Access System™ providing an aesthetically pleasing, yet functional finish.

CSR Fricker, in partnership with environmentally conscious manufacturer SAS International, ensured that a sustainable ceiling solution was supplied to

Innovation Place through:

- Advanced processes mean that no toxic substances were used in the production of Innovation Place's metal pan ceiling
- SAS International's plant operates under the environmental management standard ISO14001
- Water used in the powder coat pre-treatment process has all oils and chemical contaminants removed by an effluent plant before being discharged
- The pre-treatment process uses just one litre of water to clean 1,000 sq m of ceiling panels prior to being painted with an electrostatically applied and baked polyester-based organic powder coating
- The steel used to manufacture the ceiling tiles is highly sought-after and 100 per cent recyclable

Business Development Manager George Werner, who headed up the CSR Fricker team involved in the Innovation Place project, said:

"CSR Fricker's in-house estimation system facilitated seamless communication between sales, the design team, the manufacturing plant and ceiling contractors to execute the supply and installation in a timely manner with virtually no waste on one of the most complex ceiling systems ever installed in Australia. The landmark project required an astonishing 64 different ceiling components per floor."

For further information on CSR Fricker Ceiling Systems, contact their National Technical Centre on 1300 FRICKER (1300 374 253), or visit www.csfricker.com.au

Commercial and Residential ExpressWall Give Unique Look to New Developments

The use of CSR Commercial and Residential ExpressWall™ façades on two very different construction projects has brought into sharp relief the unique look that fibre cement can bring to buildings.

Long Bay Forensic Hospital, NSW

The construction of the new maximum security Forensic Hospital at Sydney's Long Bay Correctional Centre has featured the extensive use of Cemintel Commercial ExpressWall™ and Gyprock Impactchek™ plasterboard.

Health Projects International (HPI), the architects of the 135-bed Forensic Hospital at the jail, specified the installation of 23,000 sq m of 13mm Impactchek™ on the walls and ceilings, and 2,000 sq m of Commercial ExpressWall™ on the exterior of the facility.

To meet the challenging design brief, the architects selected 13mm Impactchek™ for the building's interior because of its proven high impact rating. Impactchek™ plasterboard is 13mm fire grade board with embedded reinforcing mesh that is designed to meet the BCA's highest severity impact test. Commercial ExpressWall™ - a compressed sheet, express-jointed system - was selected for its durability and weather protection.

CSR worked closely with HPI and installation sub-contractor Sydney Ceilings NSW to ensure that the project was delivered on schedule and within the \$4 million budget allocated for the plasterboard works.

The strength and reliability of Commercial ExpressWall™ and Impactchek™ made the systems particularly suitable for the Long Bay Forensic Hospital project. As well as being warranted, tested systems, Commercial ExpressWall™ and Impactchek™ passed on cost and time savings to the contractors, and simplified the supply process because of the contractors only having to deal with CSR, instead of multiple suppliers.

case study



Centre Court, Optus HQ, NSW

The application of Commercial and Residential ExpressWall™ façades to structures within Centre Court - Optus's award winning campus-style headquarters in New South Wales - has lent the \$140 million development a distinctly modern look.

CSR supplied 5,700 sq m of Residential ExpressWall™ for the plant rooms that sit atop of the complex's six buildings, with additional framing designed to make it suitable for commercial application. 1,200 sq m of Commercial ExpressWall™ was used to clad the areas adjacent to the pedestrian walkways that connect the adjoining buildings.

Although 9mm compressed fibre cement façades were originally specified for the plant rooms, CSR worked with contractor Onsite Management Services and architects Rice Daubney to arrive at a more time and cost efficient solution that still met required performance standards. They opted for CSR's 8mm uncompressed fibre cement Residential ExpressWall™ in out-of-the-way areas where high strength was not required, which hastened installation time because it is comparatively easier to lift and cut to size on site.

CSR's involvement with the project did not end there. The company also supplied 100,000 sq m of plasterboard and accessories to Brighton Australia, who were responsible for the building's fit out.

CSR Gyprock Publishes New *Red Book*

CSR Gyprock has published a new edition of the Fire and Acoustic Design Guide. Its fully revised format and content means that it has never been easier to access the most up to date information on fire and acoustic design.

Otherwise known as the *Red Book*TM, CSR's guide has been updated to contain new systems, revised acoustic values and new products. The guide is essential for designers specifying plasterboard and fibre cement products to meet Building Code of Australia requirements.

The 2007 *Red Book*TM features over 70 new systems, including StrataWallTM and Party Wall, which are ideal for dividing walls between sole-occupancy units. The guide also includes a selection of CSR Fricker, Bradford and Hebel products and systems to provide a range of wall and ceiling solutions.

For added simplicity, the new 'How to Use Guide' shows users how to find the fire and/or acoustic solution they need by referring to the 'Section Index', 'the System Index' or the 'Application Index'. The colour-coded sections and application icons enable users to promptly find the information they seek.

The new *Red Book*TM supersedes all previous editions.



Other New Literature

The Cemintel Residential RendaLineTM cladding manual has been updated to provide information on timber battens in lieu of steel, and the Cemintel Commercial ExpressWallTM façade manual has been amended to include information on using a lighter gauge ExpressWallTM top hat, and new corrosion zone classifications.

All publications can be obtained by contacting CSR Lightweight Systems on **1300 306 556**



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