



BLUECHIP

Natural Cladding

EXERAMIC

Product Brochure

www.bluechipgroup.net.au



EXERAMIC

Ceramic Tile Facade System

Description

The EXERAMIC facade system comprises a high-tech extruded ceramic tile installed using the proprietary BICEP bracketry system. The EXERAMIC facade system can also be installed as an insulated system using our IROCK non-combustible insulation for high-end projects, decreasing energy costs and CO₂ emissions at the same time. The EXERAMIC facade system offers extreme performance against the elements and is fast to install, economical and environmentally friendly. Available in a wide variety of natural finishes including terracotta, stone, cement, marble and timber finishes, EXERAMIC is an exceptional façade solution.

Product Benefits



EXTREME DURABILITY

EXERAMIC ceramic facade tiles are tested to ISO 10545-4 and they easily achieve double the standard breaking strength of $\geq 3,000$ N. In fact, EXERAMIC ceramic facade tiles are able to withstand a huge $\geq 6,000$ N.



ECO-FRIENDLY CIRCULAR ECONOMY

Heavily focused on the circular economy, the EXERAMIC manufacturing process recovers 100% of the residual material generated during the production process, reintroducing approximately 40% of recycled content into the raw material.



PRECISION MANUFACTURING

Manufactured according to ISO 10545-2, the high-precision extrusion technology used for EXERAMIC ceramic facade tiles means they are rectified on all 4 sides, reducing tolerances to a minimum and ensuring precision installation.



NATURALLY FOREVER

Enriching new and refurbished buildings, EXERAMIC ceramic facade tiles impart an exclusive contemporary character to all projects. They are elegant, natural and look virtually unchanged over an independently declared service life of 50+ years.



NON-COMBUSTIBLE

As expected, EXERAMIC ceramic facade tiles are a deemed-to-satisfy non-combustible facade material in accordance with NCC 2022 clause C2D10(5)(i) meaning they can be used internally or externally wherever a non-combustible material is required.



TECHNICAL SUPPORT

Advanced project support is available to assist with engineering and full facade details for the EXERAMIC system from basic ventilated systems to complete insulated and ventilated facades. Please get in touch to discuss your project in further detail.



EPD VERIFIED FOR PERFORMANCE

EXERAMIC ceramic facade tiles are eco-sustainable and are a 100% recyclable building material. EXERAMIC ceramic facade tiles have been EPD verified to enable use in the most environmentally sensitive construction projects.



VENTILATED & INSULATED SYSTEM

EXERAMIC ceramic facade tiles are installed on the BICEP bracketry system allowing for a ventilated and/or insulated system with varying cavity depths for different insulation thicknesses. Improve your project's thermal and energy efficiency by R3.33.

INSTALL & TECHNICAL

For installation and technical information, scan the QR code and view 'Downloads' tab.



Product Range



EXERAMIC
Terracotta Finish



EXERAMIC
Stone Finish



EXERAMIC
Cement Finish



EXERAMIC
Marble Finish



EXERAMIC
Timber Finish

Profiles



Specification Code: EXERAMIC 397 x 20mm



Specification Code: EXERAMIC 600 x 20mm

Availability

DESCRIPTION	TILE SIZES	LEAD TIME	MOQ
EXERAMIC 397 x 20mm Tile Profile	800, 1000, 1200, 1600mm Lengths	14-16 Weeks	300m ²
EXERAMIC 600 x 20mm Tile Profile	800, 1000, 1200, 1600mm Lengths	14-16 Weeks	300m ²

Accessories

CODE	DESCRIPTION	LEAD TIME	MOQ
ETSCS	EXERAMIC Stainless Starter Clip Single, 250 Pack	3-4 Weeks	1 Pack
ETSCD	EXERAMIC Stainless Starter Clip Double, 250 Pack	3-4 Weeks	1 Pack
ETJCS	EXERAMIC Stainless Joint Clip Single, 250 Pack	3-4 Weeks	1 Pack
ETJCD	EXERAMIC Stainless Joint Clip Double, 250 Pack	3-4 Weeks	1 Pack

System Components



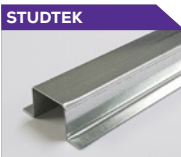
Facade System



AS 1530.1 Insulation



Class 4 Membrane



Steel Top-hats



Joint Sealant

EXERAMIC

Ceramic Tile Facade System

(A)

Concrete Floor Slab

(B)

Masonry or Frame Wall

(C)

IROCK Non-combustible Insulation

(D)

BICEP Vertical Profile

(E)

BICEP Brackets

(F)

EXERAMIC Ceramic Facade System

(G)

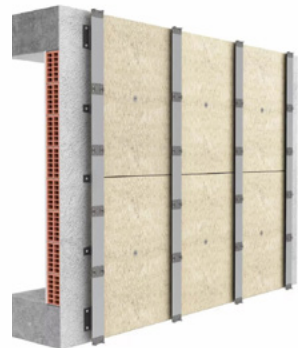
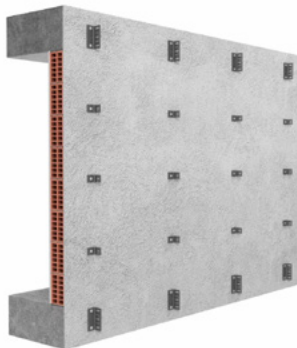
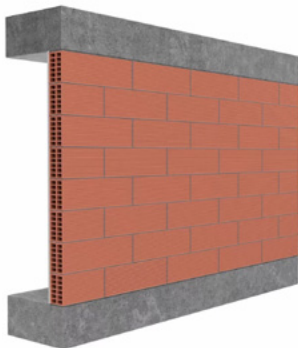
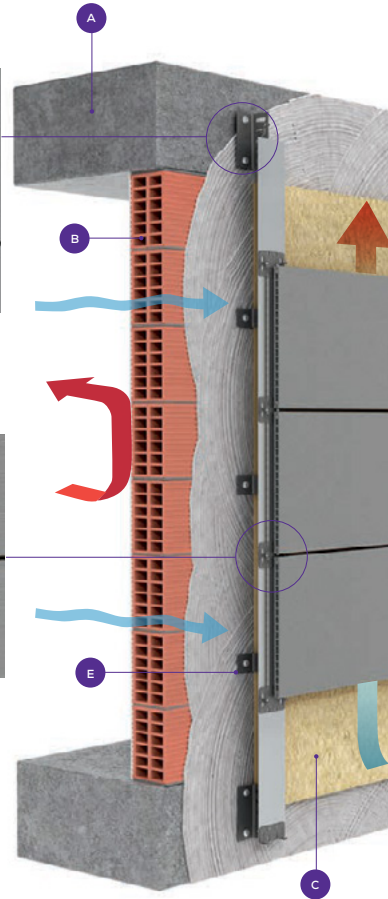
EXERAMIC Fixing Clips



(E)



(G)





WHAT IS A VENTILATED FACADE?

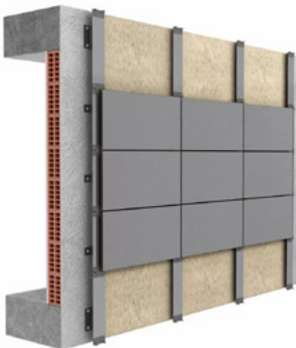
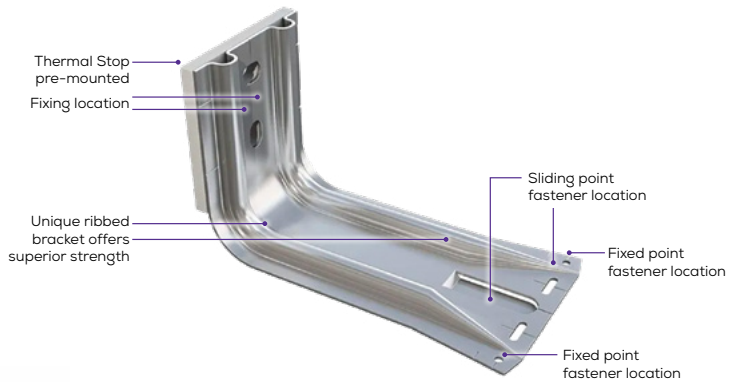
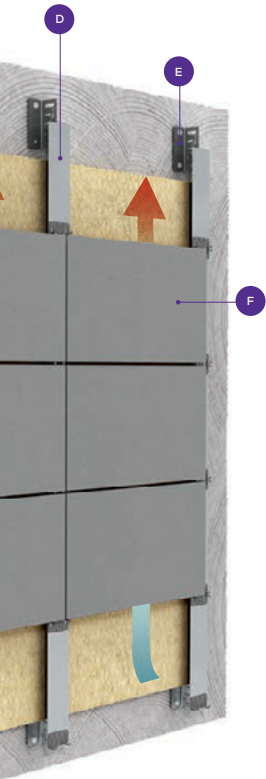
A ventilated facade is a constructive enclosure solution with a ventilated cavity between the exterior cladding and the backing wall. The ventilated cavity allows the exit and entry of air through its openings (bottom and top) as well as between the panel open joints. The origin of the system comes from the need to protect buildings against snow and rain, where a double layer system is proposed. It consists of two separated enclosure layers forming a cavity that enhances the circulation of air. This air flow removes any type of moisture that may appear.

Highly versatile: The bracket and rail system can be configured for any rainscreen façade project – including sloping façades and curved structures. It is suitable for any substrate, cladding material or insulation thickness. As well as accommodating both vertical and horizontal installation configurations, the system can also be used in soffit applications.

Third-party accredited: The BICEP® facade support system is manufactured to all current regulations and standards including EN1090, ISO9001 and ISO14001.

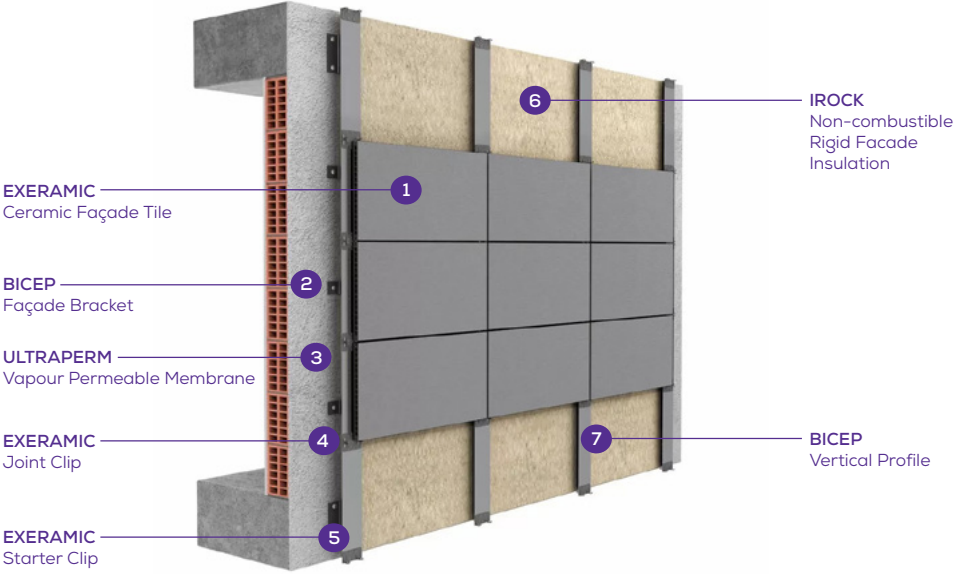
Speed of installation: The system is configured to ensure quick and easy installation while maintaining the accuracy required for structural security.

Cost effective: Thanks to the strength of the unique patented bracket design, potentially fewer brackets are needed per square metre – ensuring maximum quality and performance for minimum cost.











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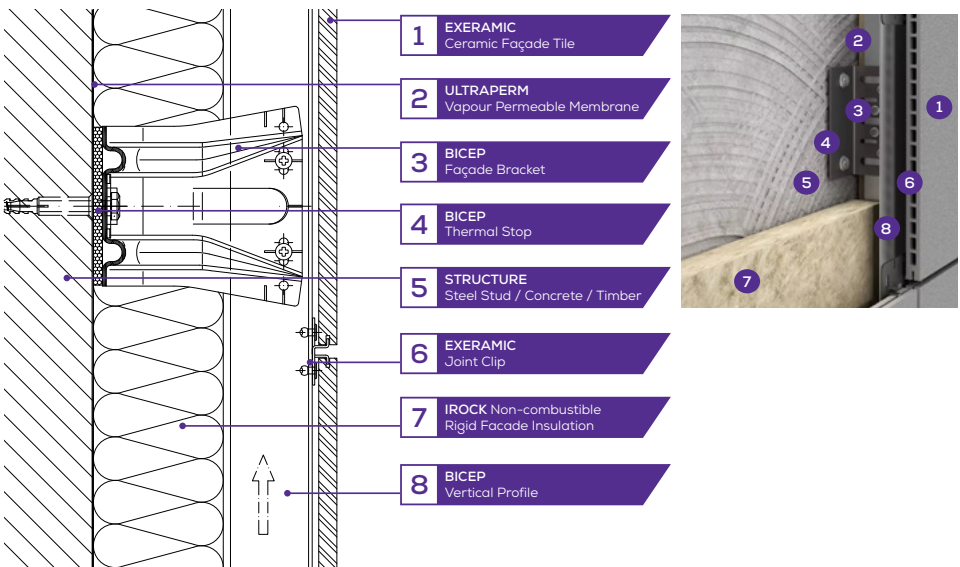
Available Sizes

			
39.7 x 80 x 2cm	39.7 x 100 x 2cm	39.7 x 120 x 2cm	39.7 x 160 x 2cm
			
60 x 80 x 2cm	60 x 100 x 2cm	60 x 120 x 2cm	60 x 160 x 2cm



Specification

SYSTEM DESCRIPTION	EXERAMIC high-tech extruded porcelain ceramic system fixed to BICEP Bracket System with external IROCK Non-combustible Facade Insulation & Weather Barrier							
FACADE MATERIAL	EXERAMIC Ceramic Façade System							
COLOUR	Refer External Finishes Schedule							
FIXING METHOD	Proprietary Secret Fixing Clips							
SUB-FRAME SYSTEM	BICEP Bracket System For Externally Insulated Facades							
EXTERNAL INSULATION	IROCK Non-Combustible Facade Insulation							
WEATHER BARRIER	ULTRAPERM Class 4 Vapour Permeable Membrane							
INSULATION R-VALUE	30mm	40mm	50mm	60mm	80mm	100mm	120mm	140mm
	0.83	1.11	1.39	1.67	2.22	2.78	3.33	3.89



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Colour Chart

Terracotta Finish



Stone & Cement Finish



Marble Finish



Timber Finish





EXERAMIC







We've Got It Covered



V1124



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