



BLUECHIP

Natural Cladding

EXAGRES FACADE

Product Brochure

www.bluechipgroup.net.au



EXAGRES FACADE

Ceramic Tile Facade System

Description

The EXAGRES facade system comprises a high-tech extruded ceramic tile installed as a ventilated facade using the proprietary BICEP bracketry system. The EXAGRES ceramic 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 EXAGRES ceramic 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, it is no surprise the EXAGRES ceramic facade system is rapidly becoming the ventilated façade of choice.

Product Benefits



EXTREME DURABILITY

EXAGRES 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, EXAGRES ceramic facade tiles are able to withstand a huge $\geq 6,000$ N.



PRECISION MANUFACTURING

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



NON-COMBUSTIBLE

As expected, EXAGRES ceramic facade tiles are 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.



EPD VERIFIED FOR PERFORMANCE

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



ECO-FRIENDLY CIRCULAR ECONOMY

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



NATURALLY FOREVER

Enriching new and refurbished buildings, EXAGRES 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.



TECHNICAL SUPPORT

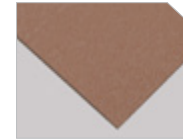
Advanced project support is available to assist with engineering and full facade details for the EXAGRES system from basic ventilated systems to complete insulated and ventilated facades. Please get in touch to discuss your project in further detail.



VENTILATED & INSULATED SYSTEM

EXAGRES 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+.

Product Range



EXATECH
Terracotta Finish



EXATECH
Stone Finish



EXATECH
Cement Finish



EXATECH
Marble Finish



EXATECH
Timber Finish

Profiles



Specification Code: EXATECH 397 x 20mm



Specification Code: EXATECH 600 x 20mm

Availability

DESCRIPTION	TILE SIZES	LEAD TIME	MOQ
EXAGRES 20mm Tile, Terracotta Finish	800, 1000, 1200, 1600 x 397, 600mm	14-16 Weeks	300m2
EXAGRES 20mm Tile, Stone Finish	800, 1000, 1200, 1600 x 397, 600mm	14-16 Weeks	300m2
EXATECH 20mm Tile, Cement Finish	800, 1000, 1200, 1600 x 397, 600mm	14-16 Weeks	300m2
EXATECH 20mm Tile, Marble Finish	800, 1000, 1200, 1600 x 397, 600mm	14-16 Weeks	300m2
EXATECH 20mm Tile, Timber Finish	800, 1000, 1200, 1600 x 397, 600mm	14-16 Weeks	300m2

Accessories

DESCRIPTION	TILE SIZES	LEAD TIME	MOQ
ETSCS	EXAGRES Starter Clip Single, 250 Pack	3-4 Weeks	1 Pack
ETSCD	EXAGRES Starter Clip Double, 250 Pack	3-4 Weeks	1 Pack
ETJCS	EXAGRES Joint Clip Single, 250 Pack	3-4 Weeks	1 Pack
ETJCD	EXAGRES 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

INSTALL & TECHNICAL

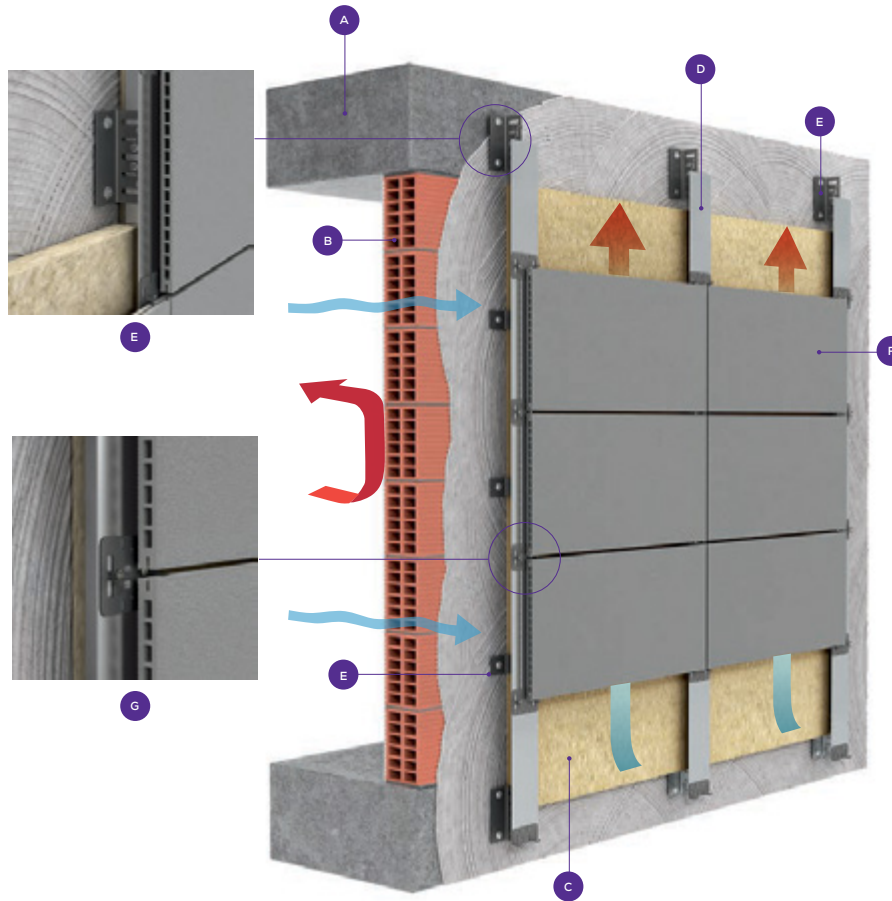
For installation and technical information, scan the QR code and view 'Downloads' tab.



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Ceramic Tile Facade System

- (A)**
Floor framing
- (B)**
Wall
- (C)**
IROCK Non-combustible Exsulation
- (D)**
Profile
- (E)**
Brackets
- (F)**
EXATECH Porcelain Facade System
- (G)**
Fixing System



WHAT IS A VENTILATED FACADE?

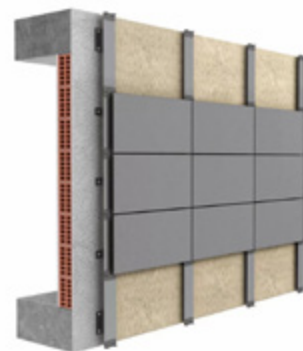
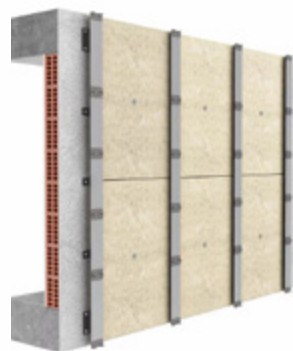
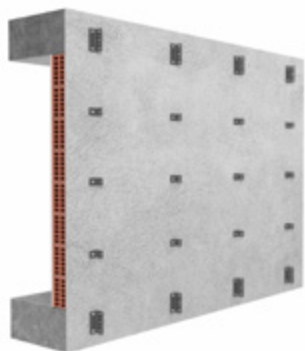
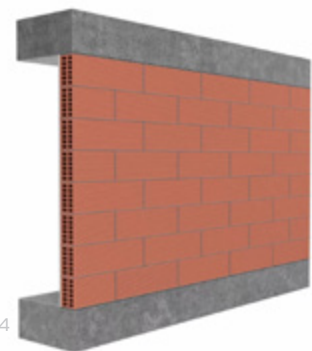
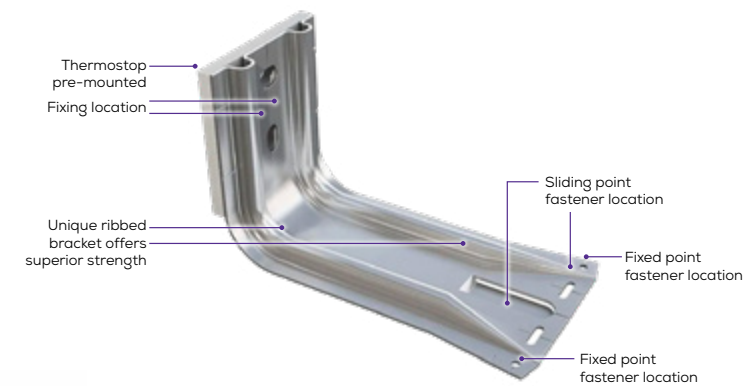
A ventilated facade is a constructive enclosure solution with a ventilated cavity between the exterior cladding and the backing wall. The ventilated cavity allows the exit and entry of air through its openings (bottom and top) as well as between the panel open joints. The origin of the system comes from 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.

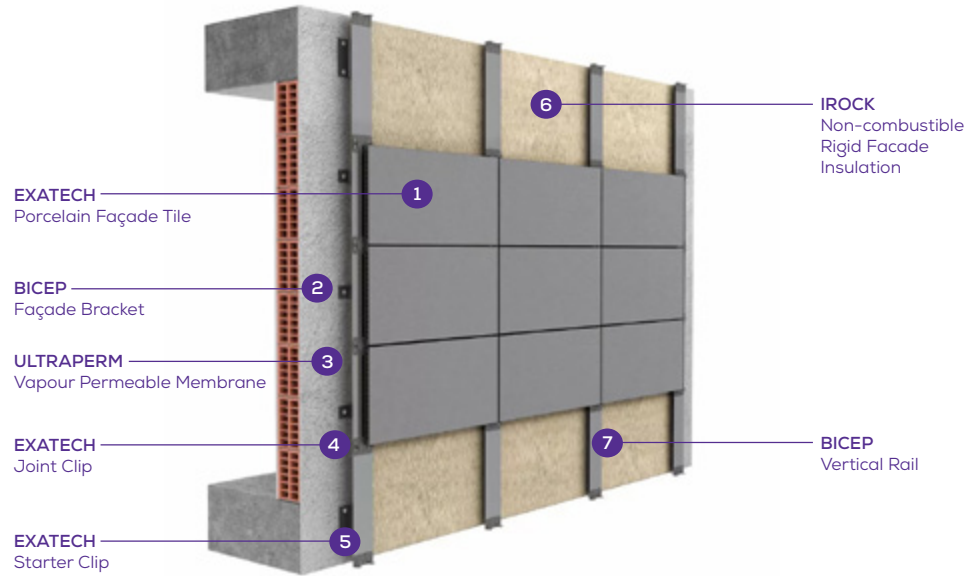
Speed of installation: The system is configured to ensure quick and easy installation while maintaining the accuracy required for structural security.

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.

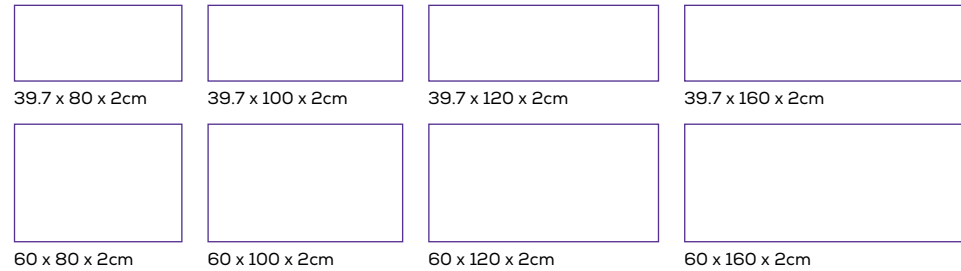


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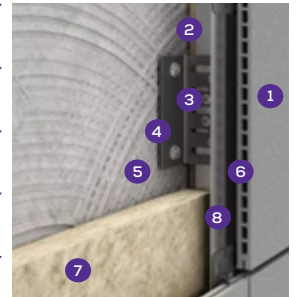
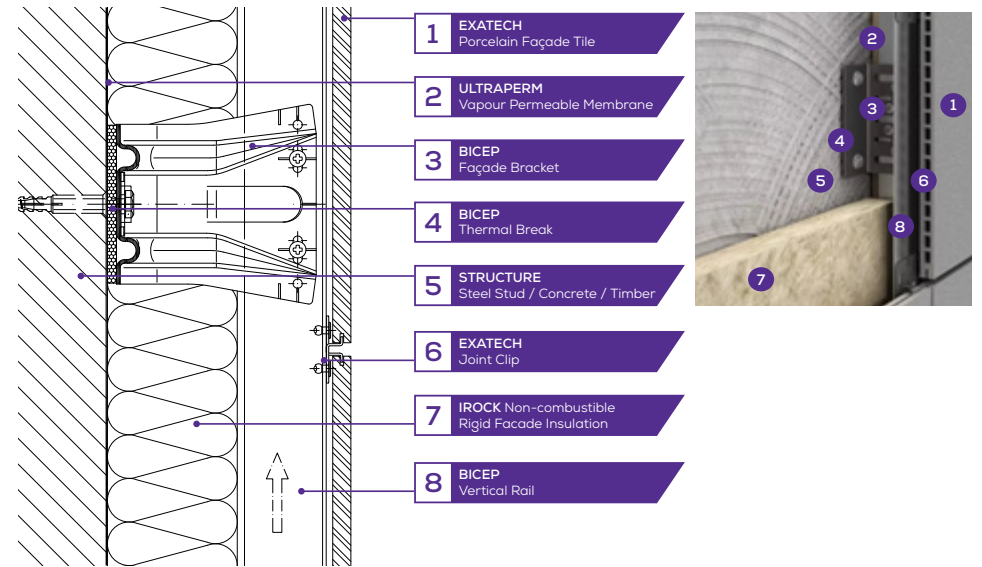


Available Sizes



Specification

SYSTEM DESCRIPTION	EXATECH high-tech extruded porcelain ceramic system fixed to BICEP Bracket System with external IROCK Non-combustible Façade Insulation & Weather Barrier							
FACADE MATERIAL	EXATECH Porcelain Façade System							
COLOUR	Refer External Finishes Schedule							
FIXING METHOD	Clip Fix							
SUB-FRAME SYSTEM	BICEP Bracket System For Externally Insulated Facades							
EXTERNAL INSULATION	IROCK _mm Thick Non-Combustible Façade Insulation							
WEATHER BARRIER	ULTRAPERM Vapour Permeable Membrane OR Rigid Façade Sheathing Board							
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

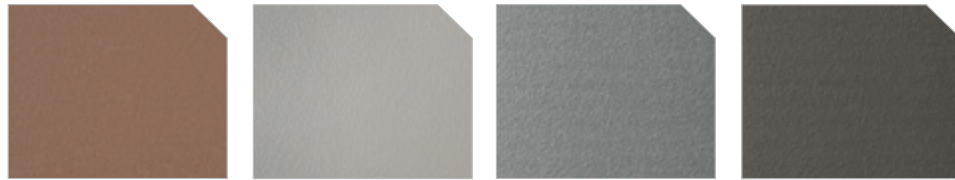


ETF151
Opal

ETF540
Emerald

ETF045
Dove

ETF155
Ocre



ETF124
Land

ETF715
Gabro

ETF719
Gris

ETF312
Colonial

Stone & Cement Finish

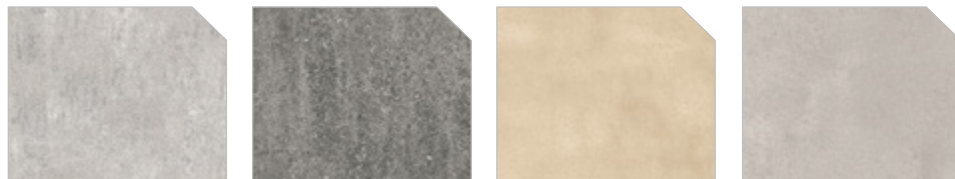


ETS232
White Travertine

ETS220
Beige Travertine

ETS720
Grey Travertine

ETC033
Cream Cement



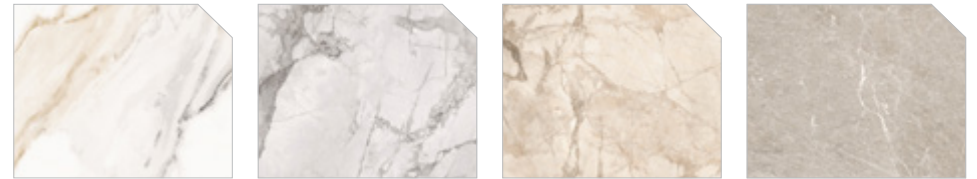
ETC073
Grey Cement

ETC320
Charcoal Cement

ETC234
Washed Beige

ETC237
Washed Grey

Marble Finish

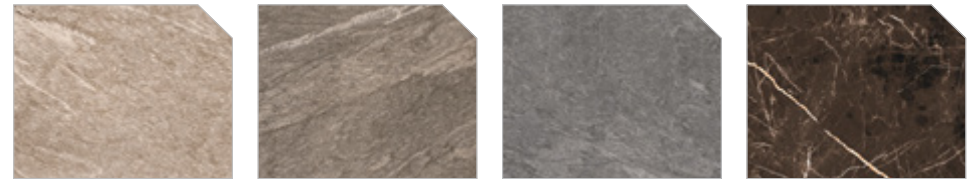


ETM161
Picasso

ETM031
Calacatta

ETM037
Calacatta Gold

ETM132
Misty



ETM313
Crema

ETM035
Coffee

ETM154
Ocean

ETM311
Cocoa

Timber Finish



ETW018
Ash

ETW825
Hickory

ETW028
Birch

ETW022
Blackbutt



ETW230
Walnut

ETW201
Teak

ETW115
Oak



We've Got It Covered



V0924



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