

LUHA
FAÇADE SOLUTIONS

FACE

The other face of architecture
COSTUMIZED RAINSCREEN CLADDING

CUSTOMIZED RAINSCREEN CLADDING

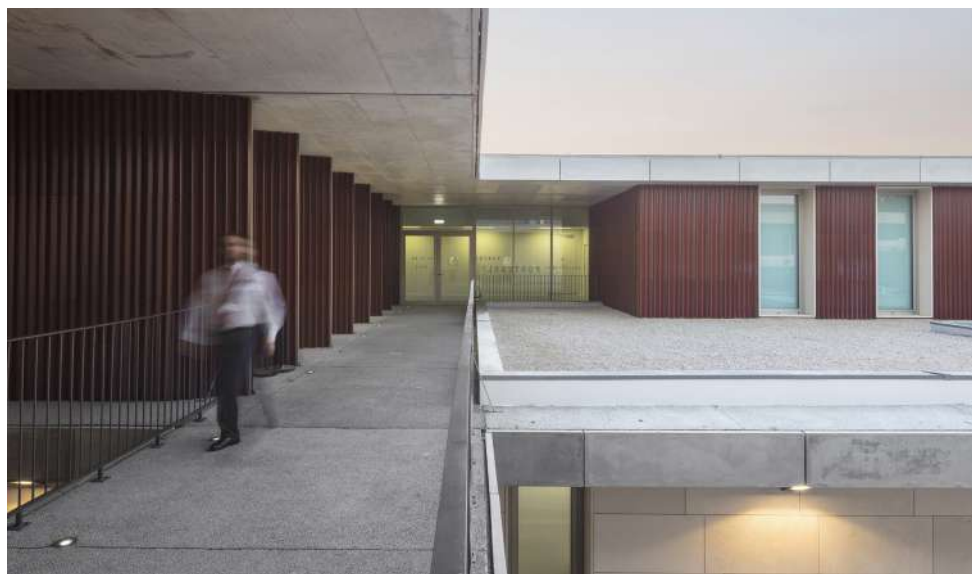
FACE by Soladrilho® is the complete solution for rainscreen cladding terracotta system with 20 or 30 mm thick alveolar pieces.

More and more architects are turning to terracotta to clad their projects, allowing for a quick and effective renovation of building facades, but also to give a modern and natural look on new constructions.

FACE-Custom® plays a big role on this interest, as terracotta gives architects the opportunity to express their ideas and thoughts on the tiles. It brings deepness and live to the facades in the most various forms.

The rainscreen cladding system FACE by Soladrilho® was launched in 2004 and has already been implemented in numerous projects worldwide. Due to its reliable cladding, it can be used in various types of buildings, including houses, offices, shopping malls, hospitals, industrial buildings, among others.

The rainscreen cladding has been gaining increasing interest in contemporary architecture, both for its technical characteristics and its aesthetic language.

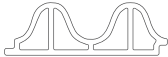


Football City Sports Complex
PORTUGAL
2020

FORMATS & DIMENSIONS

FACE-Custom® is pure customization, going up to 600mm in width, and is available in a maximum length of 1500mm, with a thickness up to 100 mm.

Due to the modularity of the ceramic piece, FACE-Custom® can be designed in flat, concave, ribbed, bumped, grooved, triangular, wavy and many other patterns.

FORMAT*	THICKNESS	WIDTH	LENGHT
	35 MM	300 MM	MAX. 1500 MM
	100 MM	300 MM	MAX. 1500 MM
	64 MM	348 MM	MAX. 1500 MM
	65 MM	368 MM	MAX. 1500 MM
	77 MM	400 MM	MAX. 1500 MM
	65 MM	406 MM	MAX. 1500 MM
	100 MM	554 MM	MAX. 1500 MM
	55 MM	604 MM	MAX. 1500 MM



*Examples of customized tiles, please contact us to obtain the full library.

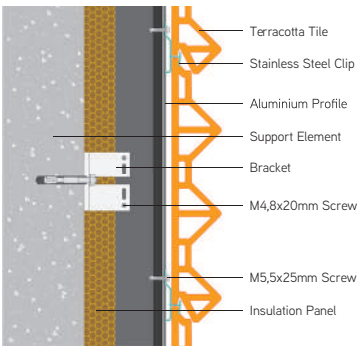
FIXING SYSTEM

The FACE by Soladrilho® fixing system is a versatile and balanced solution that can be applied on both vertical and horizontal installation by the use of one unique clip.

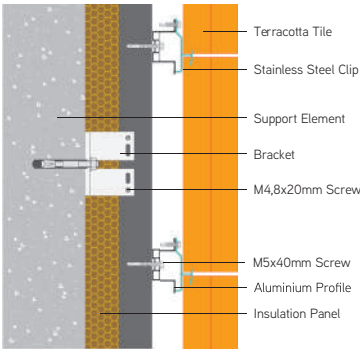
Using stainless steel and aluminium materials, it is prepared to resist to high loads, thermal expansion & conductivity and corrosion.

CONSTRUCTION DETAILS

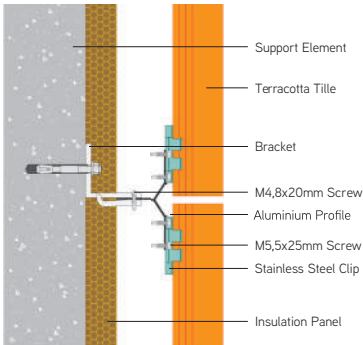
HORIZONTAL INSTALLATION



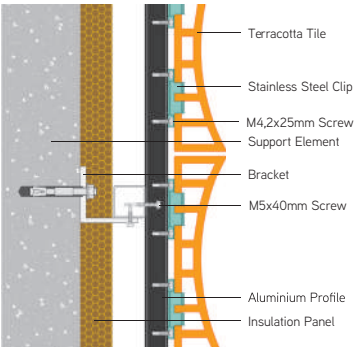
SIDE VIEW



SIDE VIEW



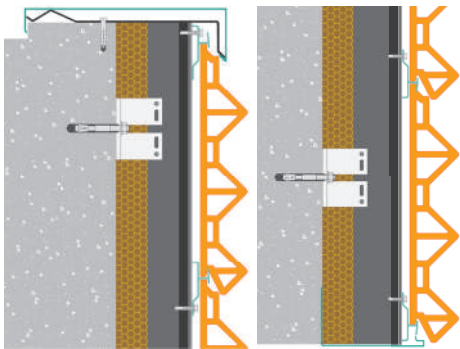
UPPER VIEW



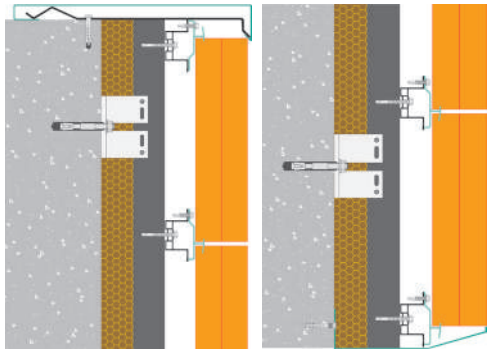
UPPER VIEW

HORIZONTAL INSTALLATION

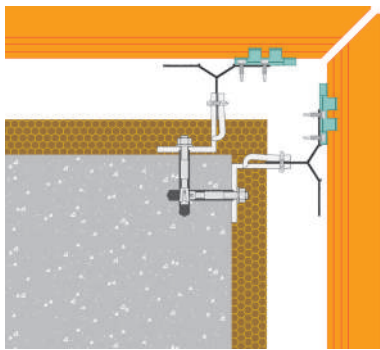
VERTICAL INSTALLATION



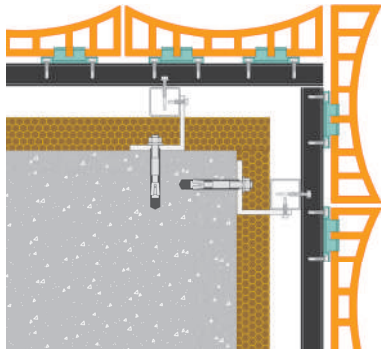
TOP + BOTTOM FINISH



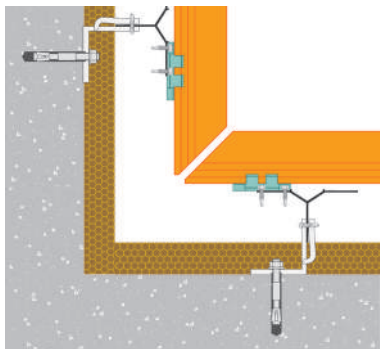
TOP + BOTTOM FINISH



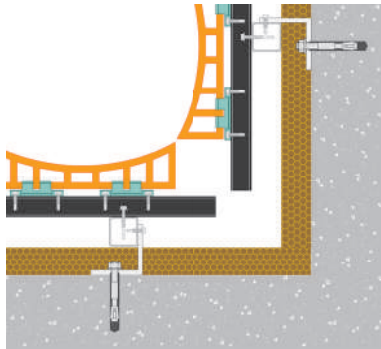
EXTERNAL CORNER



EXTERNAL CORNER



INTERNAL CORNER



INTERNAL CORNER

PROJETS AROUND THE WORLD



Retirement Housing Bluebell Court
UNITED KINGDOM
2021



Christ Roi Pole Gerontologique
FRANCE
2019



Business Center Shushary
RUSSIA
2014



Novotel Christchurch Airport
NEW ZEALAND
2016

CERTIFICATION & PERFORMANCE

TECHNICAL CHARACTERISTICS		NORMS	VALUES OF NORM	FACE CUSTOM BY SOLADRILHO®
	LINEAR THERMAL EXPANSION COEFFICIENT	NP EN ISO 10545 - 8	$< 10 \times 10^{-6} \text{ }^{\circ}\text{C}^{-1}$	$< 54,48 \times 10^{-7}/^{\circ}\text{C}^{-1}$
	THERMAL SHOCK RESISTANCE	NP EN ISO 10545 - 9	RESISTENT	RESISTENT
	FROST RESISTANCE	NP EN ISO 10545 - 12	RESISTENT	RESISTENT
	FLEXION RESISTANCE/MODULUS OF ROPTURE	NP EN ISO 10545 - 4	MIN. 13 N/MM ²	30 N/MM ²
	CHEMICAL RESISTANCE	NP EN ISO 10545 - 13	MIN. UB	UA, UHA
	WHATER ABROPTION	NP EN ISO 10545 - 3	$3\% < E \leq 6\%$	3,9%
	THICKNESS	NP EN ISO 10545 - 2	+/- 10,0%	+/- 1,5MM
	STRAIGHTNESS OF THE SIDES	NP EN ISO 10545 - 2	+/- 1,0%	+/- 0,5%
	ORTHOGONALITY	NP EN ISO 10545 - 2	+/- 1,0%	+/- 1,0%
	SURFACE FLATNESS	NP EN ISO 10545 - 2	+/- 1,5%	+/- 0,5%
	LENGTH AND HEIGHT	NP EN ISO 10545 - 2	+/- 2,0% MÁX. +/- 4MM	+/- 3,0 MM

NATURAL COLOR RANGE



GLAZED COLOR POSSIBILITIES

GLOSSY / MATTE FINISHES



REACTIVE / SELENIUM FINISHES



Upon consultation and prior project study, FACE by Soladriho® can be made available in other colors and finishes (glazed, textured).

Important note: FACE by Soladriho® is a product that may exhibit natural shade variation, resulting from its extrusion manufacturing process and the inherent characteristics of the clays. In this regard, careful application is recommended, alternating pieces with different tones to achieve a better aesthetic effect.



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