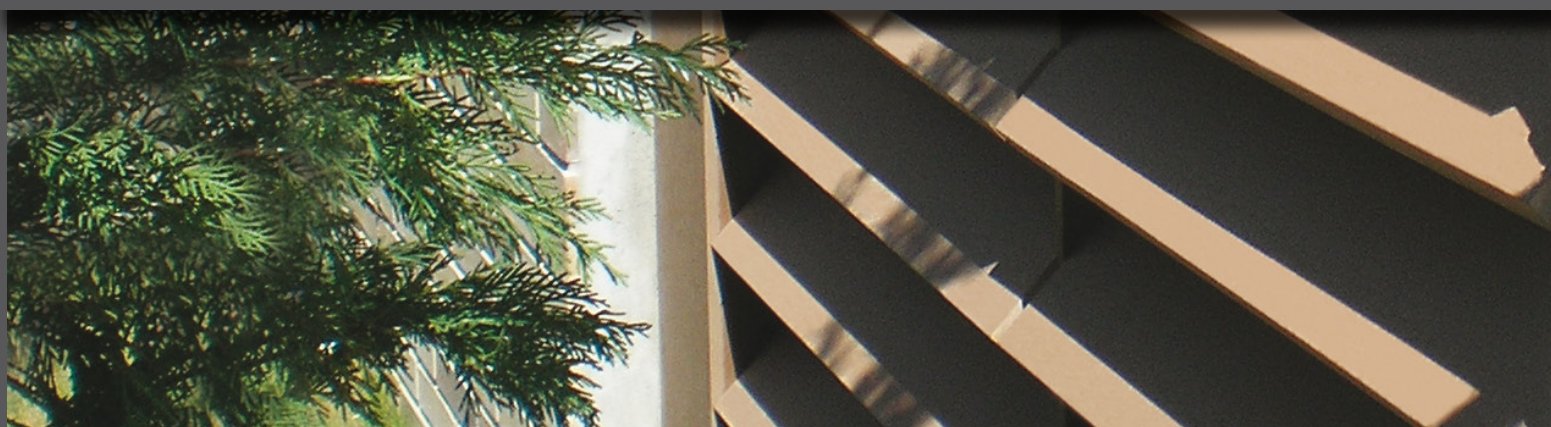




VENTILATED TERRACOTTA
ACCESSORIES





GENERAL INFORMATION

Soladriho has a wide range of accessories for its ventilated façades FACE and COVER.

Due to the evolution in architecture and an increase of original designs where different formats are taken into account, Soladriho presents a wide range of ceramic accessories that allow architects to express all their creativity. These updated formats easily allow a combination of different ceramic elements in different architectural situations.



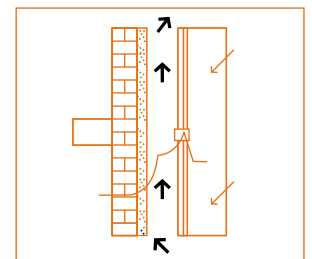
FEATURES & ADVANTAGES OF VENTILATED FACADE

Just like Face and Cover, their accessories are also the ideal constructive solution for ventilated façades. Produced from natural clays which allows a combination of different natural colors with different types of materials.

The combination of mechanical properties with esthetic components of extruded ceramics is possible with Face, Cover and their corresponding accessories.

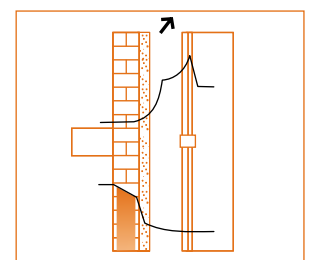
THERMAL INSULATION

Ventilated facade has an effective thermal insulation. The constant and effective ventilation inside the air chamber maintains the building's interior at room temperature, making the ventilated façade work as a natural thermal protector.



THERMAL INERTIA

Ventilated facade offers an additional benefit, which is thermal inertia. Thermal inertia is the coatings capacity to generate and restore heat, ideal for both cold and hot climates. It maintains the interior of the building at a stable room temperature, increasing comfort and coziness.





ENERGY SAVINGS

It is estimated that with ventilated façade there is a reduction in thermal consumption, resulting in a 25% energy saving in comparison to traditional façade. The air chamber increases environmental thermal effects and thus facilitates significant energy savings in the air conditioning of the building. This characteristic also increases the buildings durability.

ACOUSTIC INSULATION

Ventilated façade helps reduce the transmission of sounds granting an acoustic insulation without greater costs. With ventilated façade a barrier is created which increases the absorption of acoustic properties by 6dB, corresponding to a 50% noise decrease inside the building.

NATURAL VENTILATION

With ventilated walls unobstructed air flow movement is possible within the air chamber allowing natural ventilation and consequently the elimination of moisture due to condensation and capillary effects.

RAIN PROTECTION

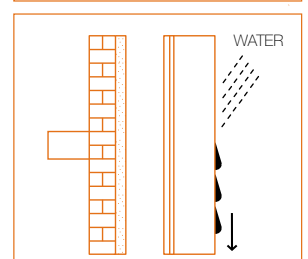
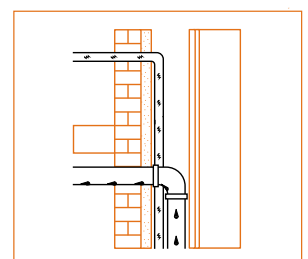
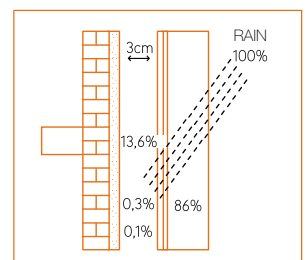
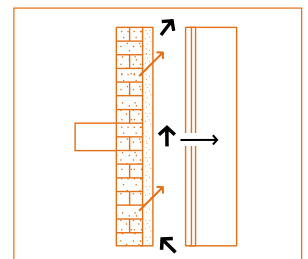
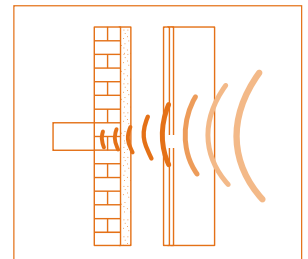
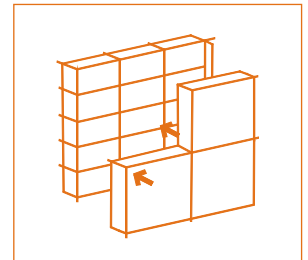
The ventilated façade creates a barrier for the building and in result increases its durability. It protects the building from the principal causes of exterior deterioration which are acid rains and other weather agents (rain, snow and ice). Any drop of water that goes through the tile is drained in the air chamber by gravity and all excessive moisture is evacuated by convection through the rising air that circulates in the chamber. This rain protection is naturally possible which eventually results in low maintenance costs.

ADDITION

With ventilated façade it is possible to add technical installations and other accessories (drains, electrical wires, telecommunication cables, water, gas, etc) without creating specific openings on the wall.

MAINTENANCE

On the opposite of traditional face ventilated reduces maintenance costs, due to the fact that no paint or plaster renovations are needed (a second wall and plaster are not needed). A simple wash of the ceramic tiles is enough to maintain the tiles clean and functional.





CERAMIC TILE SIZE

Ventilated façade accessories have standard sizes: 50x50, 50x100, 50x150, 30x150 mm and a 90° corner, available with the following standard lengths: 500, 600, 1000, 1200 and 1500 mm (maximum 1000 mm for the 90° corner) . Accessories can be produced in non-standard formats, following a previous case study of the project.



Ceramic Piece



Standard Fixing System

STANDARD PROFILES AVAILABLE



50x50



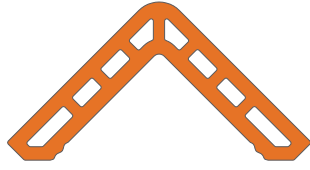
50x100



50x150



30x150

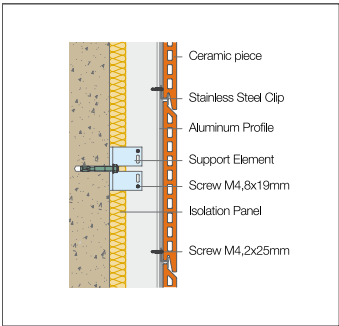


90° Corner

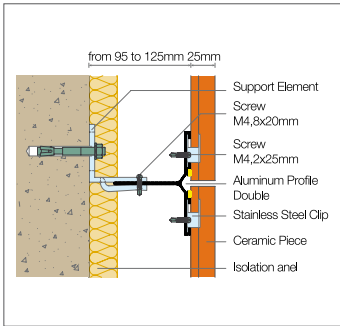




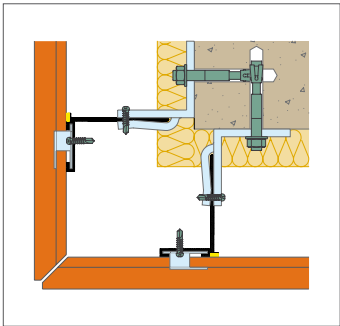
CONSTRUCTIVE DETAILS



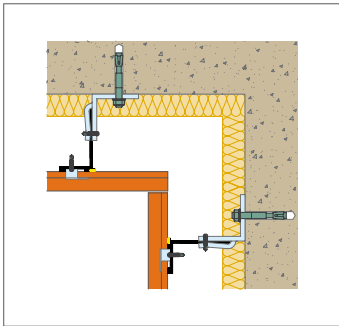
Side View



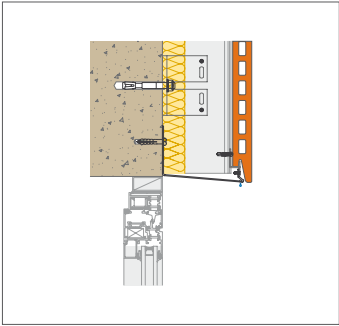
Top View



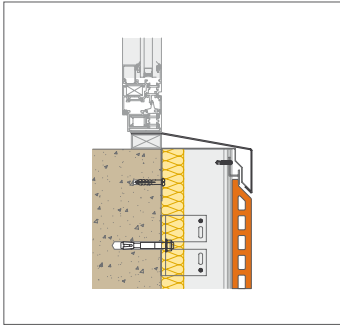
Exterior Corner



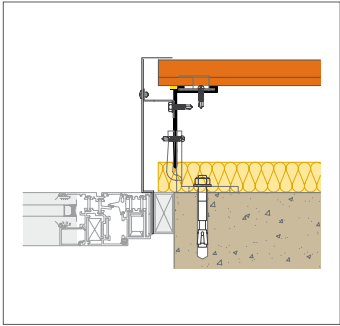
Interior Corner



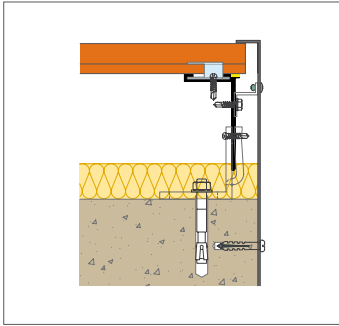
Inferior Finish of Window



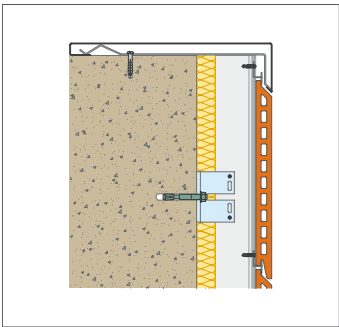
Top Finish of Window



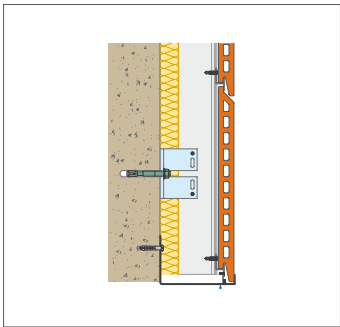
Side Finish of Window



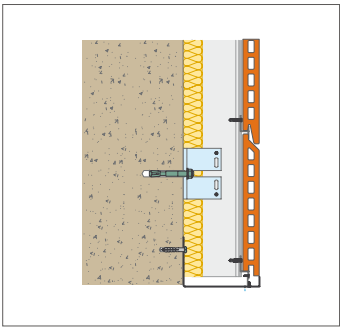
Side Finish



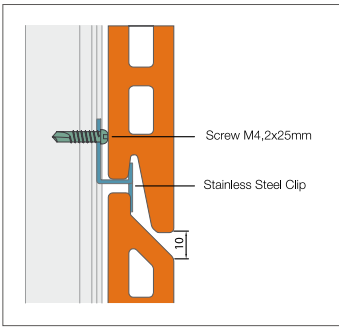
Superior Finish



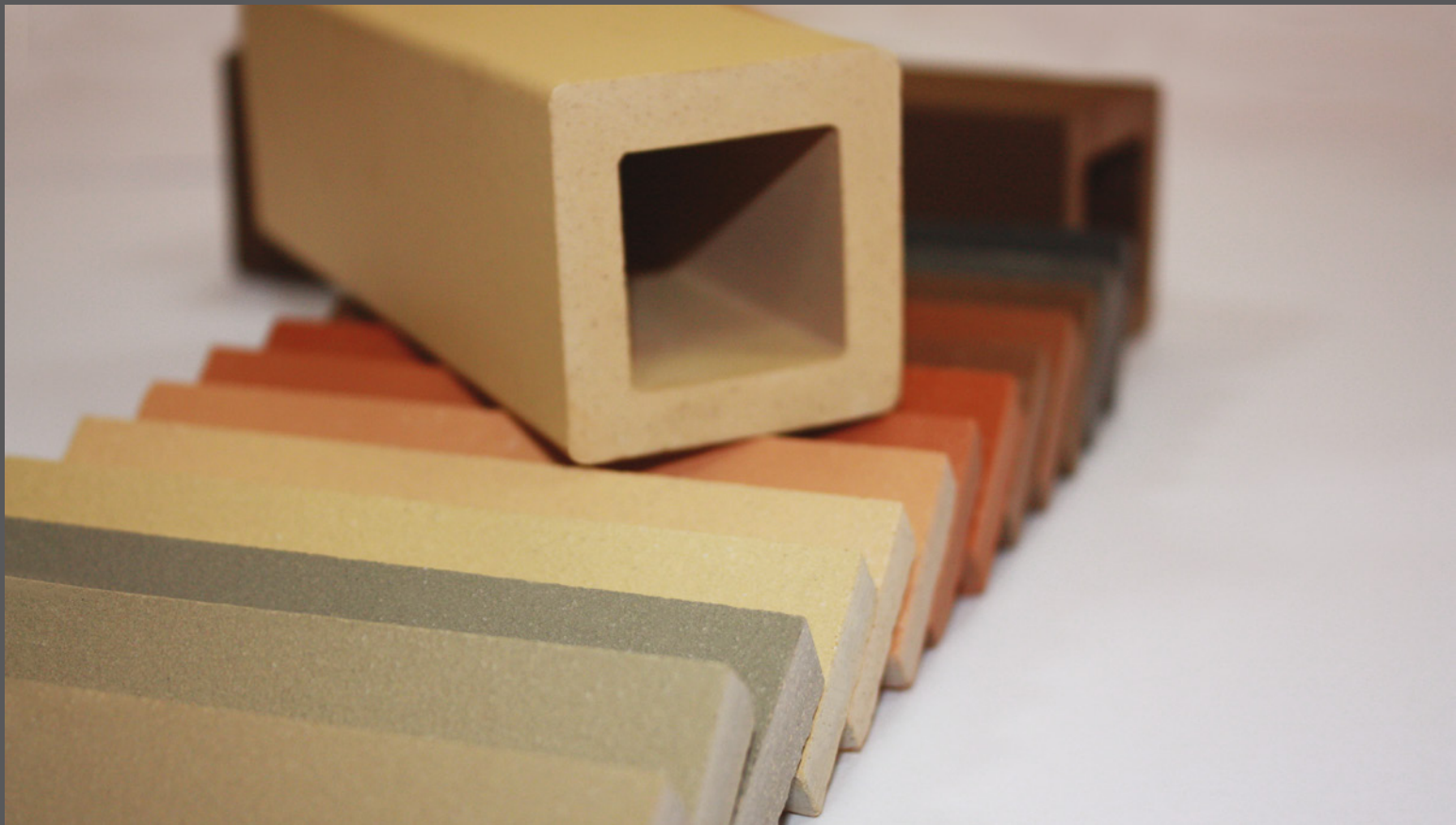
Interior Finish



Irregular Finish



Fixing



COLORS

Standard Colors

Non Standard Colors*



vermelha 01



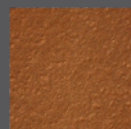
salmão 04



champanhe 03



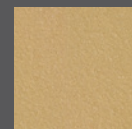
sevilha 07



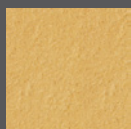
chocolate 08



moca 09



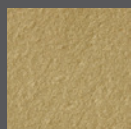
chino 11



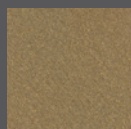
areia 05



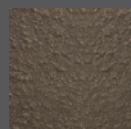
ocre 06



cinza claro 12



cinza médio 13



cinza escuro 14



antracite 15

*Depending on each project FACE can be produced with non standard colors or different finishes such as, glossy or textured.

IMPORTANT NOTE: Face tiles are produced with natural clays and through an extrusion process, which can create slight differences in shades; sizes and textures between tiles; lots and tile accessories.
When applying Face tiles, alternate tiles and tile boxes (from the same lot) in order to obtain a homogeneous surface without shade differences.

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a tradição de inovar

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