

GammaStone Air is the most important technological challenge in the international ventilated façades sector and is the result of huge investments in research and development together with the qualified work of experienced teams of architects, engineers and designers.



VENTILATED FACADE

Ventilated Facade System

GammaStone Air is an advanced eco-sustainable system able to meet the most ambitious and modern stylistic trends in architecture. Our ventilated façades, the result of an intense research process, are a response to the widespread need for efficient thermal and acoustic insulation for homes and work environments. With structures and materials that, at the same time, guarantee an unalterable aesthetic beauty. This innovative cladding system has been developed in collaboration with the largest and most reliable companies in the industry. Together with our partners we have achieved the highest results in terms of insulation, protection from weather events and external noise. GammaStone Air panels allow easy installation, versatility in architectural design, original stylistic solutions with a wide variety of large marble, granite, porcelain and stone slabs.

The dynamic thermo-fluid system (chimney effect)

The suspension and fasteners of the metal structure are sized so as to create an empty space between the insulating layer and the outer panel. This is an air chamber connected to the outside by air intakes that are usually placed at the base and top of the façade creating a continuous ventilation effect in the slit also called “chimney effect” due to the temperature difference between the air in the ventilation chamber and the outside air. Air enters the space from below and moves upwards, thus creating an efficient airflow that maximises the breathability of the façade. This ventilation allows the rapid elimination of aqueous vapours from the interior. In addition, it considerably reduces condensation and the negative effects of any water penetration. This has led to a reduction in the amount of heat entering or exiting the building.

The fastening system with hidden hook

The GammaStone Air ventilated system with mechanically fixed hidden hooks offers maximum design and maximum safety. This system eliminates any fasteners visible on the surface of the panel, resulting in a clean façade with the smallest possible joint. At the same time, it guarantees maximum safety as the system is certified to withstand negative wind loads exceeding 450 kg/sqm.



Large format



Thermal insulation



Acoustic insulation



Resistant to hurricanes



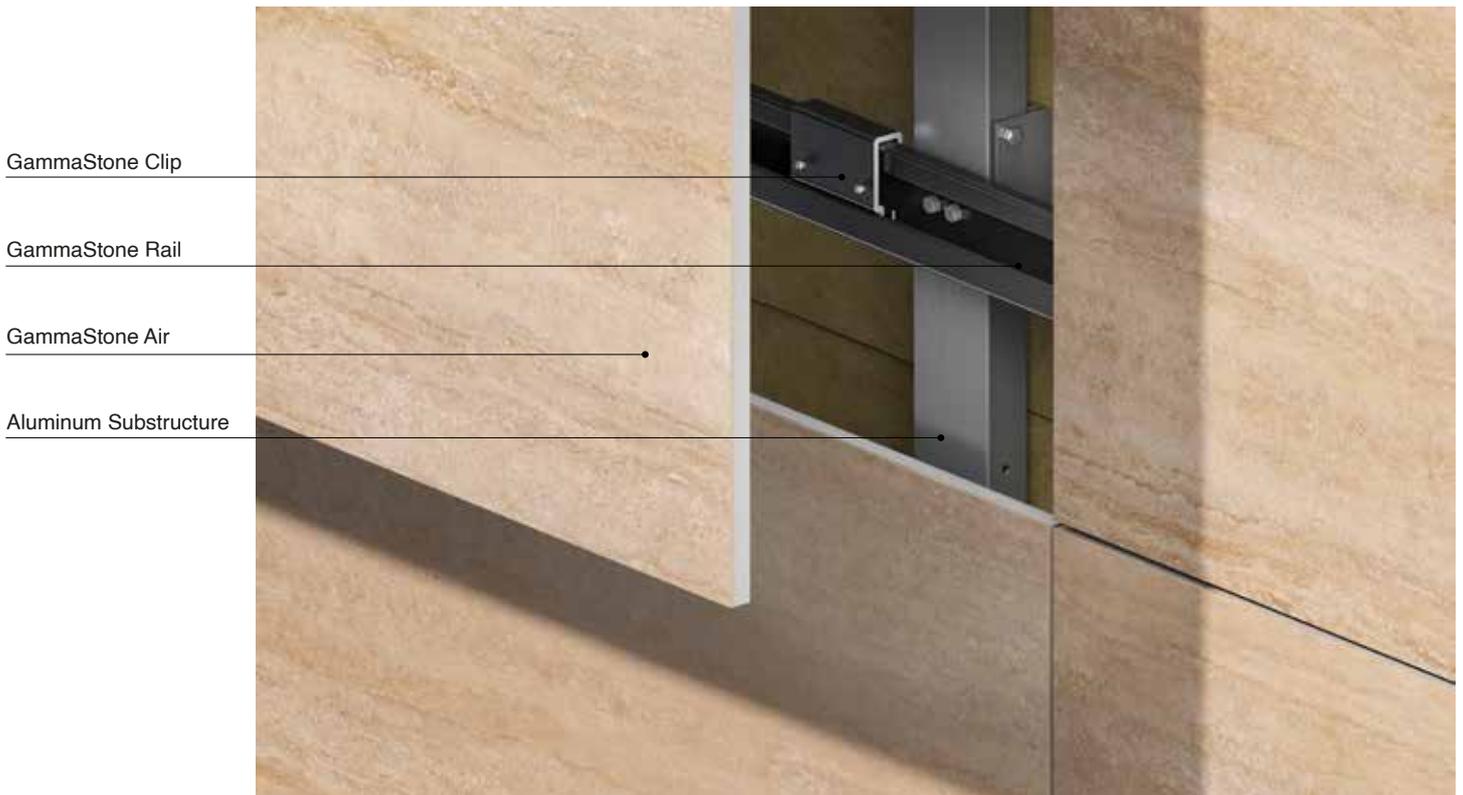
Impact Resistant



Resistant to thermal shocks



Energy Saving



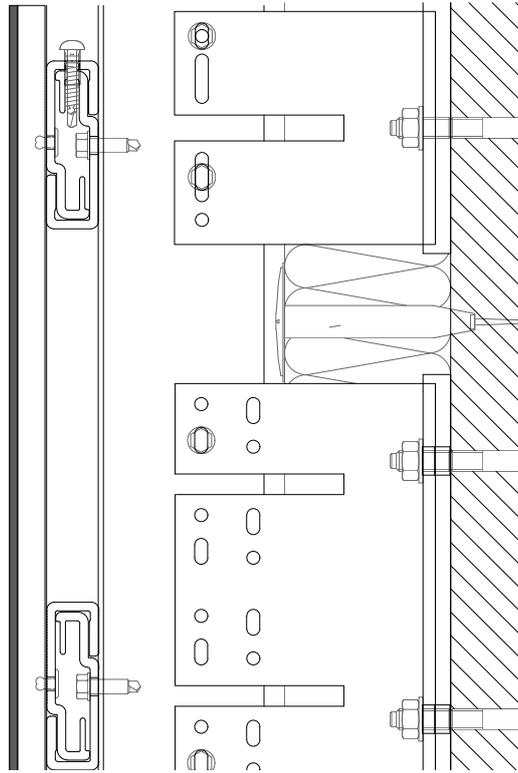
GammaStone Clip

GammaStone Rail

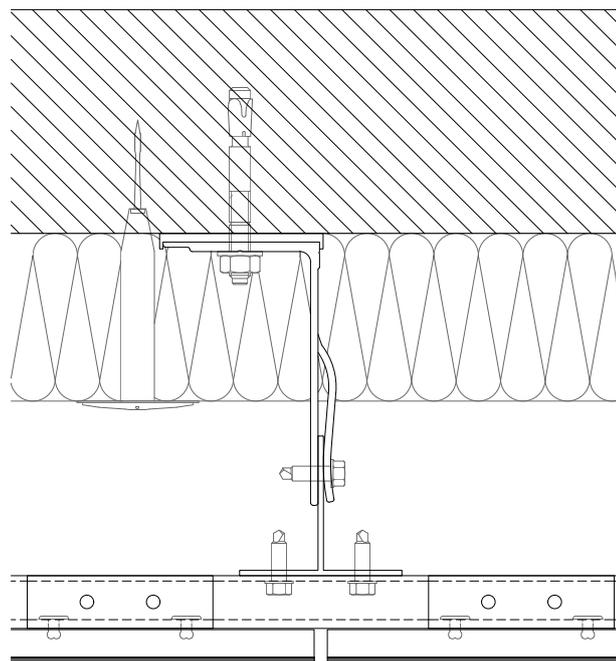
GammaStone Air

Aluminum Substructure

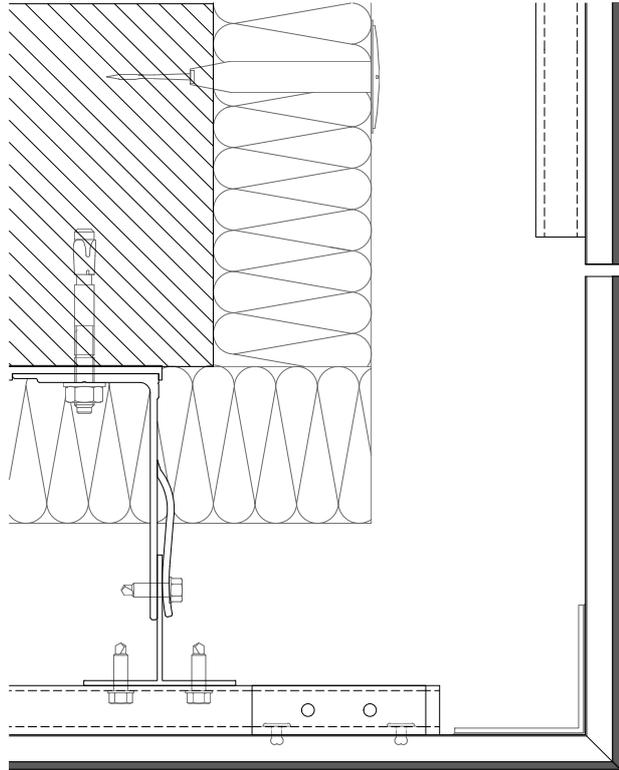
Vertical section



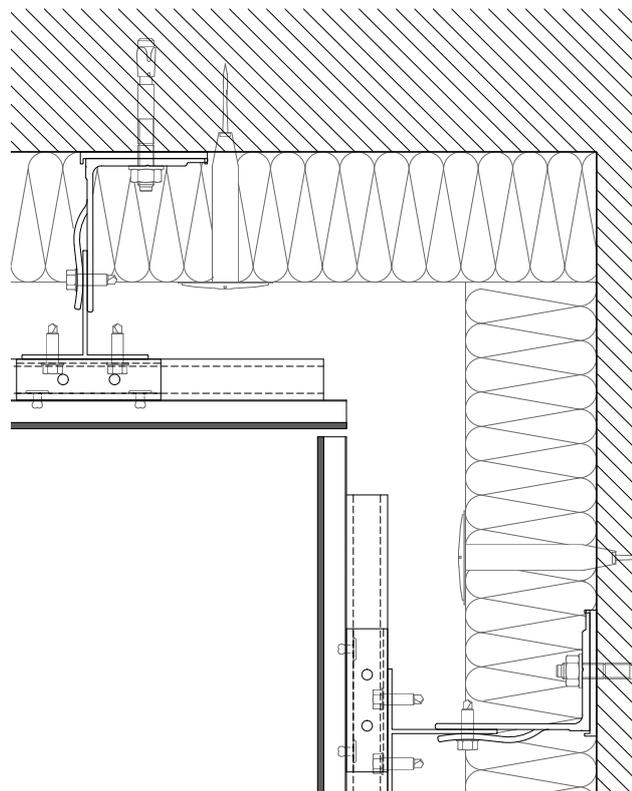
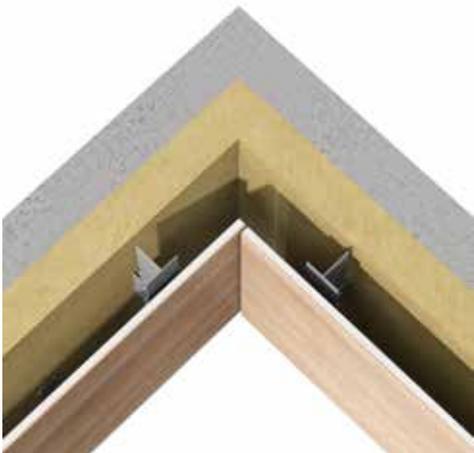
Horizontal section



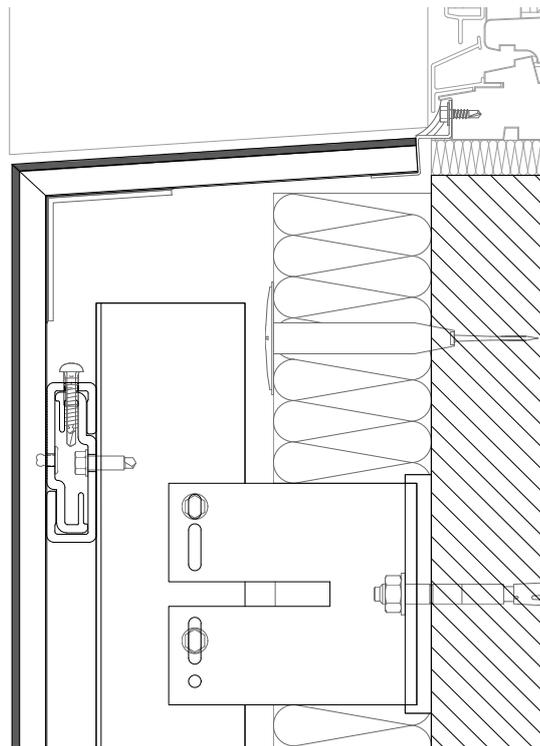
External corner section



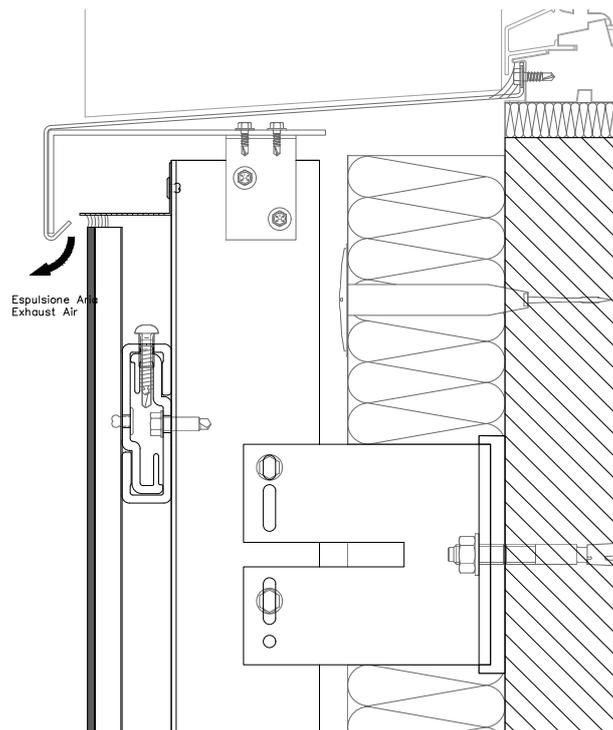
Internal corner section



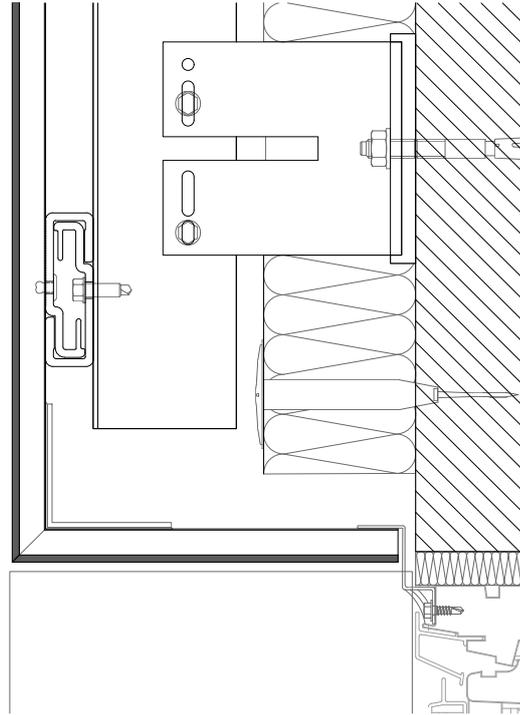
Air window sill section



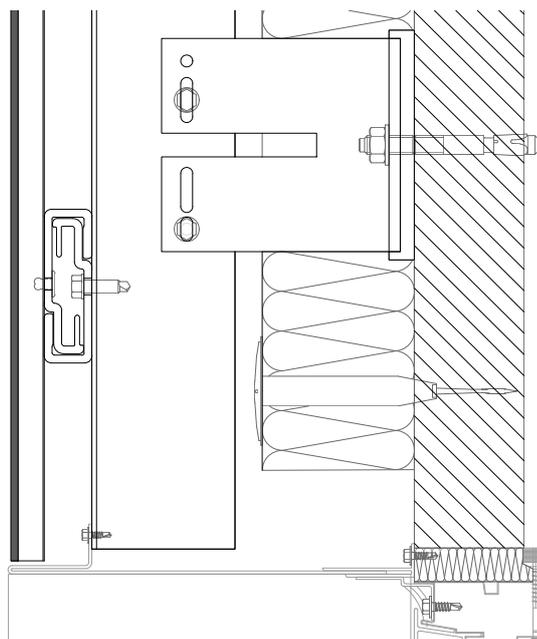
Sheet metal window sill section



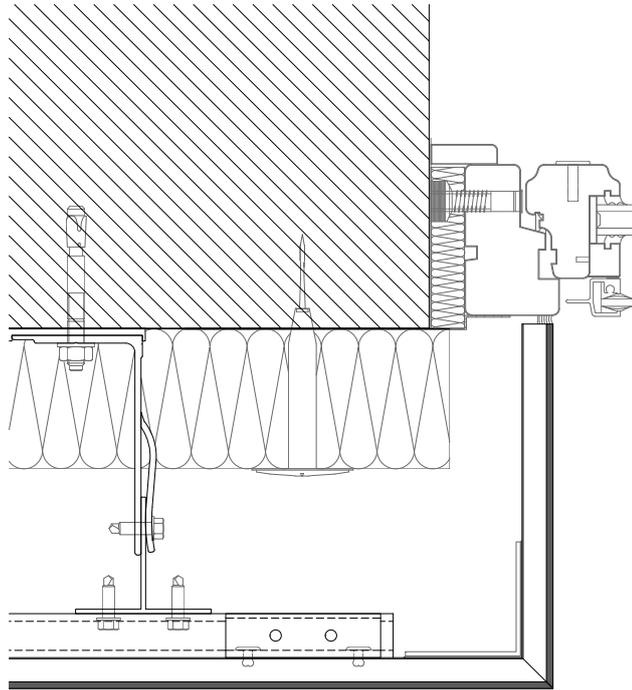
Concealed Air section



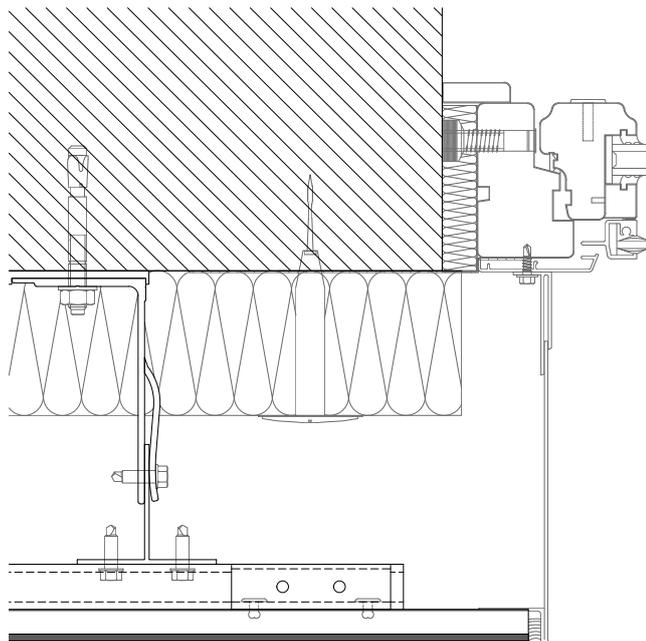
Concealed sheet metal section



Air side padding



Sheet metal side infill





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