

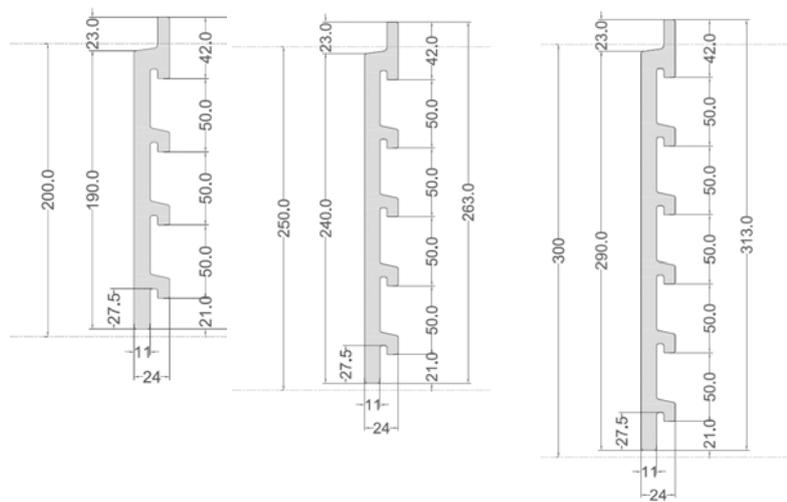
## New ArGeLite<sup>®</sup>-Horizontal-System

For decades, ArGeTon<sup>®</sup> is standing for high-quality terracotta façade tiles that are used on both architecturally sophisticated buildings and renovations with great success.

In addition to the well-known double skin tiles, ArGeLite<sup>®</sup> façade tiles represent a thinner and lighter option with an easier and time saving installation method for both, new erected buildings as well as renovation issues, also on single family houses.

A joint research programme with Wienerberger France brought out the new ArGeLite<sup>®</sup>-H-System, which has been firstly realised successfully in the practice on a project in Metz (France).

ArGeLite<sup>®</sup> tiles are available in lengths up to 800mm, for heights of 200, 250 or 300mm in all natural colours and glazed surfaces.



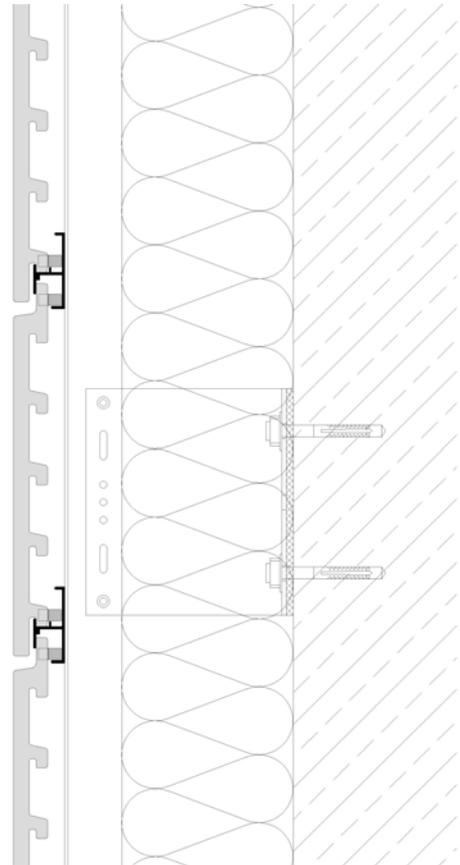
The ArGeLite<sup>®</sup>-H-System substructure consists of horizontal aluminium carrier rails. EPDM-distance pieces keep the tiles in position and guarantee a 4mm vertical joint.

The tiles can be installed into the carrier rails in a very easy way, whereas aluminium clips or joint profiles are not necessary for this system.



### Advantages of the system at a glance:

- For renovations, thermal retrofitting and new buildings, also for single family houses
- Time and cost saving installation
- Tiles can be cut horizontally or vertically, direct on the building site which allows high variability
- The façade can be installed from top to bottom and vice versa to avoid damages during the construction time enabling great flexibility
- Due to the geometry of the tiles no special bottom or top aluminium rails are needed
- Particularly suitable for renovations because of the low weight system of approx. 31 kg/m<sup>2</sup>
- Installations of building corners or windows are much easier than for example with an aluminium hook rail
- For all current insulation sizes (0cm – 30cm)
- Minimized heat bridges due to thermal separations
- Low-energy houses and passive houses are realisable



**First project realised with the new ArGeLite<sup>®</sup>-Horizontal-System:**

**Office building in Metz, France  
May, 2011**

