



Contrary to what is often thought, the green roofs are a highly protective element of the waterproofing. If well executed, a green roof is a huge surplus for the built environment.

The thickness of the substrate, the insulation placement, the drainage and the type of plants must be properly dimensioned.

This way, there is a contribution to a larger green environment, as well as an improvement on interior thermal comfort, as natural elements do not allow large temperature fluctuations, keeping the indoor climate at a constant comfort temperature.

- 1 Concrete slab
- 2 Expanded clay  
[Argex](#)
- 3 Expanded cork agglomerate insulation  
[Amorim Isolamentos](#)
- 4 Waterproofing
- 5 Drainage mat
- 6 Substrate  
[Landlab/Neoturf](#)
- 7 Vegetation  
[Landlab/Neoturf](#)
- 8 Expanded clay  
[Argex](#)
- 9 Hollow brick masonry  
[Preceram](#)

# GREEN ROOF