

# 1. VENTILATED FACADE

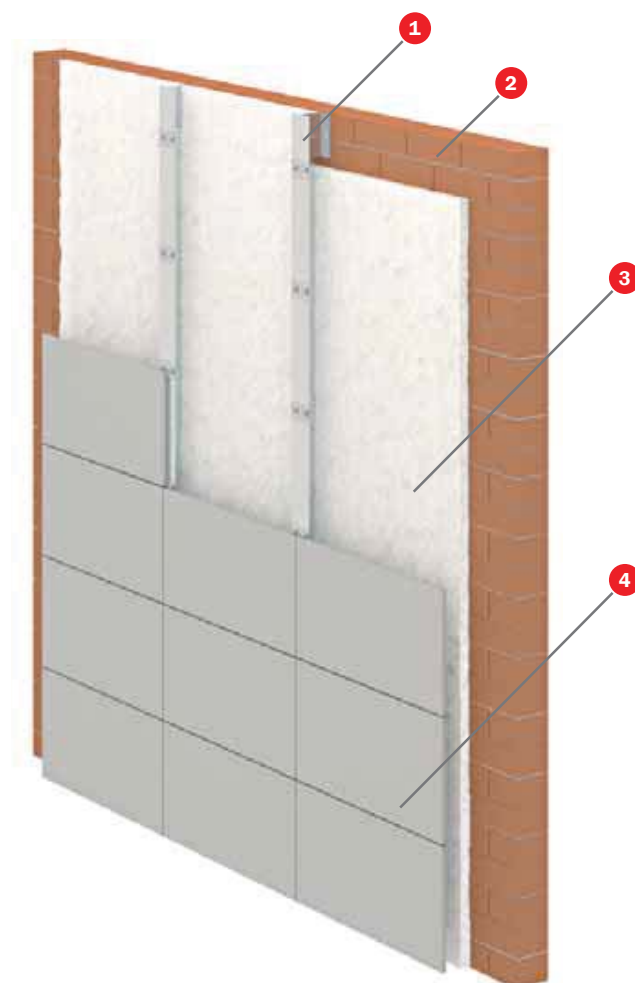
This kind of building solution is characterised by a ventilated space between the insulation and the external coating of the building.

The main feature of this facade is the so called “chimney effect”, which in summer causes the internal air to warm up and rise by convection. Its space is then occupied by fresh air avoiding heat build-up in the facade.

Conversely, this effect does not occur in winter since the air does not warm up to the point of generating this effect; however, in this case the ventilated facade acts as a heat accumulator.

**Tecwool® T** is the perfect solution to provide a continuous and homogeneous coating to the entire facade, avoiding a reduction in the enclosure’s thermal resistance. **Tecwool® T** provides an effective sealing since its application is joint-free. It does not favour steam condensation from the space air either.

**Tecwool® T** has an A1 fire reaction classification and complies with DB SI (B-s3d2) requirements for coating materials of ventilation space internal surfaces.



### SOLUTION

- 1 Guiding profiles.
- 2 Building enclosure.
- 3 **Tecwool® T** (thickness according to necessary insulation).
- 4 External coating.

### APPLICATION

**Tecwool® T** is spread with a pneumatic machine pursuant to the following technical specifications:

In case of applying over metallic sheet, concrete, bricks, etc., no prior primer, mesh or any other type of support for the mortar adherence are required.

The surface to be protected should be free from dust, oil, waste, poorly attached particles, paint leftover, etc.

It is recommended to use water with the application hose to wash dirt away from the faces. This will also help achieve a thermal balance between the mortar and the applied surface.

Once spread, mortar should be water sprayed superficially to ensure optimum settling of the cement.