

## YOU DO NOT HAVE TO LEARN THE HARD WAY!

*The result of inadequate ventilation at an (admittedly screwed) panel!*

A ventilated facade system is a complete facade solution and entails the fixing of panels on a sub-frame, which is fixed to the structural facade.

Panels cut to size are used as rainscreen and decorative facade. Joints between panels can remain open. The free air cavity depth between the rainscreen cladding and the insulation or wall construction allows for ambient air to flow through from the ventilation inlets and outlets.

Thanks to the chimney effect, created between the cladding and ventilated air gap, the hot air rises by convection, allowing cooler air from the outside to enter the gap through the open joints.

This means that the width of the existing air gap must be 20 mm or more between the rear of the tiles and the outer surface of the thermal insulating material.

Rain water and condensation are removed naturally by air flowing through the cavity so that the construction remains in good condition and remains effective over time.

So it must be obvious that details and implementation requires your full attention. Otherwise it can go wrong ...