

Installation height of window ventilators based on water resistance

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The location of the building is decisive in determining the testing pressure with regard to air permeability and water tightness. The classification according to locally applicable regulations applies to air permeability / water tightness as well as to the determination of the wind pressure for the calculation of the strength.

The wind load is calculated as standard on the basis of a reference pressure (peak pressure value) which depends on the height of the building and on general site and regional conditions and is weighted according to a pressure coefficient or a force coefficient which in turn varies according to the dimensions and nature of the element under consideration and the airtightness of the walls.

This calculation is the responsibility of the designer or the consultancy firm and must be checked against the technical specifications of the window ventilators.

The DUCO brochures give recommended application heights for each window ventilator. Please observe them.

For more information or questions, please address your DUCO contact.