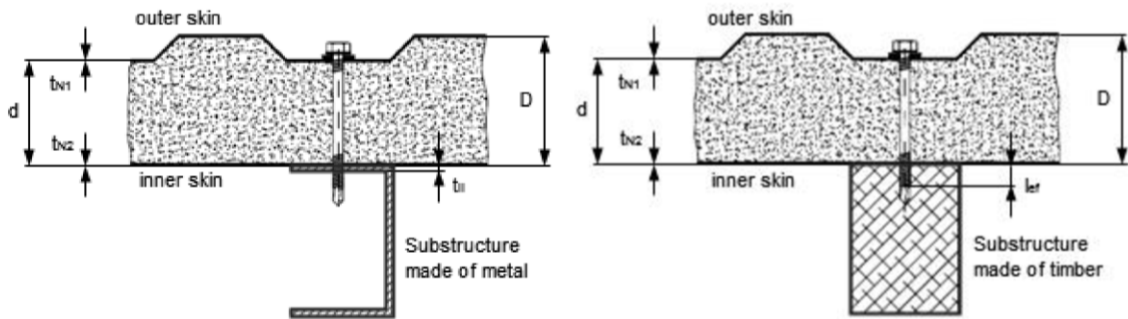


Examples of execution of a connection



Terms for materials

Fastener	Material of the fastening screw
Washer	Material of the sealing washer
Component I	Material of the sandwich panel (outer skin and inner skin)
Component II	Material of the substructure

Terms for dimensions

D, d	Total thickness of component I
tN1	Thickness of the outer skin of component I
tN2	Thickness of the inner skin of component I
tII	Thickness of component II made of metal
l ef	Effective screw-in length in component II made of timber (without drill point)
d dp	Pre-drill diameter of component I and component II

Terms for performances

V R,k	Characteristic value of shear resistance of the connection
N R,k	Characteristic value of tension resistance of the connection
V R,I,k	Characteristic value of shear resistance of metal member or sheeting
N R,I,k	Characteristic value of tension resistance (pull-through) of metal member or sheeting
N R,II,k	Characteristic value of tension resistance (pull-out) of the substructure
u	Maximum allowed head displacement of the fastening screw

Additionally for timber substructure the following terms are used:

M y,Rk	Characteristic value of yield moment
f ax,k	Characteristic value of withdrawal strength

Used terms in the Annexes

Fastening screws for sandwich panels

Annex 1