



The timber panel closer helps minimise air leakage at the joint between closed panels and also prevents damage to the exterior substrate when using a screw alone.

FEATURES

Material

- S250GD + Z275 according to EN10346:2009
- Material Thickness: 2.5mm

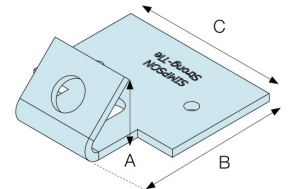
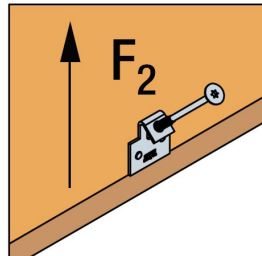
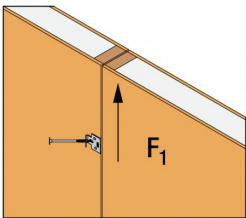
Benefits

- The screw guide is to be used in conjunction with a SDW22458 screw (included).
- Quick and easy solution to closing adjoining timber panels.
- Minimise air leakage at the joint between closed panels.
- Prevent the exterior substrate being damaged if the screw had been used on its own.
- The use of the SDW22458 screw achieves a characteristic capacity shear value of 3 kN per TFPC.
- The bold thread design firmly clinches plies together to close gaps in multi-ply assemblies.
- The TFPC can also be used to provide characteristic capacity uplift of 1.9 kN per TFPC when connecting the timber frame panel to the sole plate.



TECHNICAL DATA

Characteristic Capacity



| References | Dimensions and drill holes [mm] | | | | Number of Fasteners | | | | Characteristic Capacities [kN] | |
|------------|---------------------------------|----|----|-----------|-----------------------|---------------|---------------------|---------------|--------------------------------|----------------------------|
| | A | B | C | Thickness | Screws ⁽¹⁾ | | Nail ⁽²⁾ | | Shear (R _{1,k}) | Uplift (R _{2,k}) |
| | | | | | Qty | Specification | Qty | Specification | | |
| TFPC | 21 | 54 | 50 | 2.5 | 1 | SDW22458 | 2 | N3.75x30 | 3.0 | 1.9 |

1. SDW22458 refers to 8.0 x 117mm SDW structural wood screw.

2. N3.75x30 refers to 3.75 x 30mm square twist nail.

INSTALLATION

Description

Uses SDW22458 screw in conjunction with a Screw Guide to bring two closed timber frame panels together.

Use 4 x TFPC per typical 2.4m vertical panel joint

The TFPC can also be used to connect the timber frame panel to the sole plate

Installation - Panel to Panel Connection

1. Position the TFPC (Panel Closer) so the edge of the TFPC is in line with the edge of the closed timber panel.
2. Fix the TFPC to the timber panel using two 3.75x30mm Square Twist Nails
3. Insert SDW22458 screw into the panel closer maintaining the 45° angle to close the gap between the panels.

Installation - Panel to Sole Plate Connection

1. Position the TFPC (Panel Closer) so the bottom edge of the TFPC is in line with the bottom of the closed timber panel.
2. Fix the TFPC to the timber panel using two 3.75x30mm Square Twist Nails
3. Insert SDW22458 screw into the panel closer maintaining the 45° angle to fix the closed timber panel to the sole plate

