

RAINSCREEN DUO SLAB®

Tools required

- Sharp insulation knife

Fixing and application

Work on site

RAINSCREEN DUO SLAB® is light and easy to cut to any shape with a sharp knife. It is shrink wrapped in polythene and supplied on pallets that are shrouded with a waterproof hood suitable for outside storage. Once installed, due to their robust outer facing surface, the slabs can be left unprotected for an extended period of time prior to fixing the rainscreen cladding.

Workability

Light and easy to handle, the slabs are easy to cut to shape or size with a sharp knife, to suit the cladding system.

Rainscreen cladding – Metal rail systems

- To obtain the optimum performance of the system, the Slabs should be applied with the patterned side facing outwards (see Figure 3). The resilient inner layer will accommodate surface irregularities (see Figure 2).
- Close butt the slabs at all vertical and horizontal joints.
- Stagger the horizontal joints of the insulation in accordance with good fixing practice.
- Fix using a combination of metal and polypropylene fixings in accordance with the detail shown in Figure 1. Fixings should have a minimum head diameter of 70mm.
- RAINSCREEN DUO SLAB® should be cut and tightly fitted around wall brackets where these occur.

Suitable Fixing Manufacturers

Hilti: 0800 886100

ITW Construction Products Ltd.: 01592 771132

Ejot: 01977 687040

Fischer: 01491 827900

Rainscreen cladding – Timber rail application

- The Slabs should be tightly fitted between the treated timber rails prior to the installation of the external cladding boards and mechanically fixed as shown in Figure 2. Provision should be made for a minimum 25 mm ventilated air space behind the cladding boards.
- All horizontal joints should be closely butted to optimise the insulation performance.

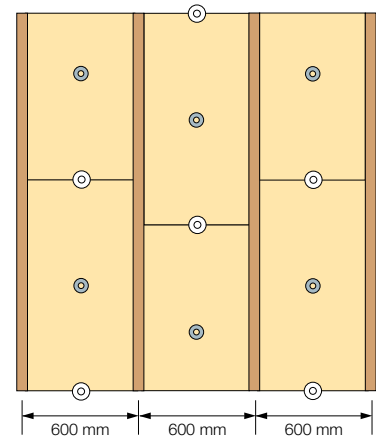


Figure 1
Typical fixing pattern between treated timber cladding rails

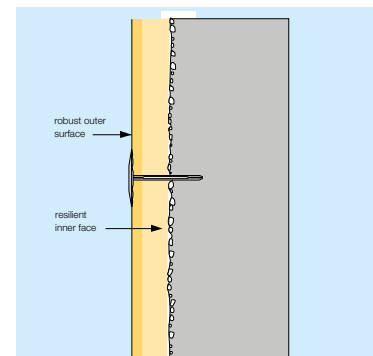


Figure 2
Dual density

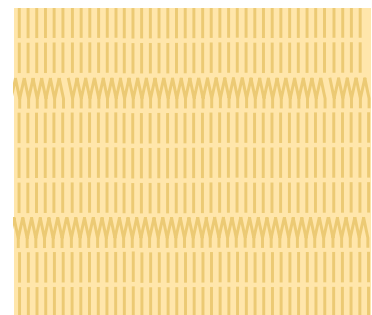


Figure 3
Textured outer face of slab

Health & safety

The mechanical effect of fibres in contact with skin may cause temporary itching.



Cover exposed skin
When working in unventilated area wear disposable face mask.



Clean area using vacuum equipment.



Waste should be disposed of according to local regulations.



Rinse in cold water before washing.



Ventilate working area if possible.



Wear goggles when working overhead.