

# RainScreen Duo Slab®

## Tools required

- Serrated knife or insulation saw

## Installation

### Work on site

RainScreen Duo Slab can be cut to any shape with a serrated knife or insulation saw. It is shrink wrapped in polythene and supplied on pallets that are shrouded with a waterproof hood suitable for outside storage. It is recommended that the sequence of construction is programmed in such way that insulation is left exposed for as little time as possible. While ROCKWOOL insulation is impregnated with a water repelling agent, and is resistant to wind and rain, it is not designed to offer indefinite protection to a substructure.

Depending on the nature of the substrate, a protective membrane may be required. Such design issues will require assessment by a suitably qualified individual.

Subjecting RainScreen Duo Slab to any level of exposure is contingent on a visual inspection of the insulation prior to the installation of the cladding. In the unlikely event that any slabs have become physically damaged or otherwise contaminated, they should be replaced.

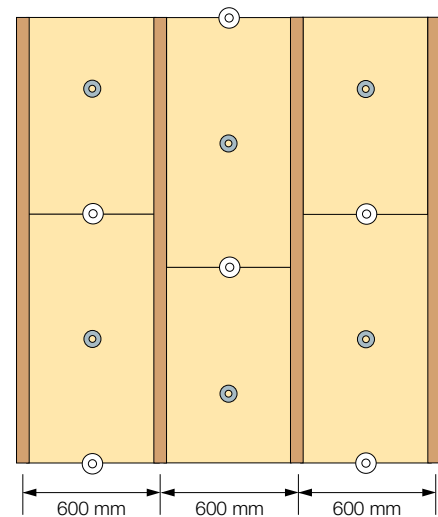
Once the weatherproof layer is installed, the resulting ventilated cavity will ensure that any wetted slabs will naturally dry out, regaining all of their original performance and properties.

### Workability

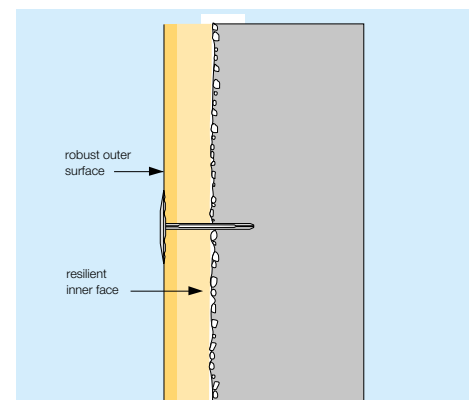
The slabs can be cut to shape or size with a serrated knife or insulation saw, to suit the cladding system.

### 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.



**Figure 1**  
Typical fixing pattern between treated timber cladding rails



**Figure 2**  
Dual density

### Suitable fixing manufacturers

Hilti: 0800 886100

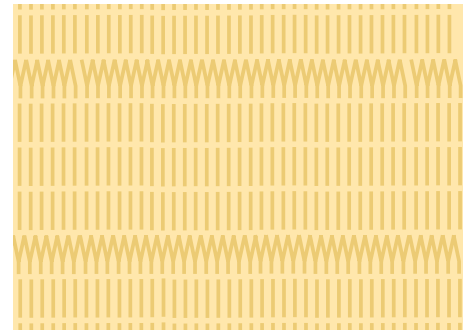
ITW Construction Products: 01592 771132

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 25mm ventilated air space behind the cladding boards.
- All horizontal joints should be closely butted to optimise the insulation performance.



**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.

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