

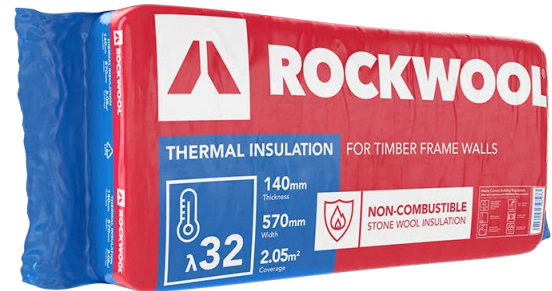
Thermal Frame Slab 32

Tools required

- Insulation saw
- Tape measure

Preparation

- When installing into a wall frame, check that the centres are at 600mm then select an appropriate product width and thickness.
- Assemble tools and PPE (personal protective equipment) such as gloves, mask if working in an unventilated area, and eye protection when working overhead. Cover all exposed skin. Refer to the EURIMA health and safety guidelines for further guidance when working with mineral wool.
- Carry out a pre-work safety check, identifying any potential hazards such as ease of access, work heights, trip hazards, and electrical safety.
- Check the construction ensuring it is structurally sound and free from defects such as corrosion, splitting, cracking and look for signs of leaks and moisture which can cause rot and mould.
- Clean and prepare the area for installation. Clear space to hold the insulation. When installing overhead, wear protective eyewear. If installing at height, it is recommended this is done from a suitable structure such as scaffolding, rather than a step ladder, so that both hands can be used to safely fit the insulation. Ventilate the area if possible, and ensure it is well lit.



Installation steps

1. Using a tape measure, measure the internal aperture of the frame. Note that frame centre measurements include the thickness of the timbers / steel making up the structure, and that they may not always be consistent, so it is best to measure the internal aperture accurately to ensure the best possible fit, particularly when installing into older structures.
2. Use an insulation saw, or knife with a serrated blade, for cutting the insulation to size. Do not over cut the insulation. Allow an extra 10mm on both dimensions (width and length) of the insulation, over and above the aperture dimensions.
3. The density and dimensional stability of ROCKWOOL stone wool allows a tight friction fit. It will not require pinning or fixings unless specifically stated otherwise.
4. To install, simply push the insulation into one side of the structure and let the insulation go so it tightly fits into the other side of the structure and holds in place.
5. Ensure there are no visible gaps, as this will negatively affect the installed performance.
6. Consider the dimensional tolerances of the wall before designing the width of the cavity. An extra 5mm above the nominal slab thickness will normally be sufficient.

Health & safety

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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