

VITAL
INSTALLATION CARD
Handling and installation instructions



When you move a VITAL package, do not drag or push it on the ground. Instead, use the tabs at the ends of the bag to lift and carry the package.



HANDLING, TRANSPORTATION AND STORAGE

Handle the packages of VITAL insulation with care and make sure that both the wrapping and the insulation boards remain intact. Do not place heavy objects on VITAL packages and do not move them by throwing. Do not open the packages until on the site in a place which is dry and protected from rain.



RIGHT



WRONG



1.

Do not open the packages until on the site.

INSTALLATION INSTRUCTIONS

Cutting

When cutting a piece of insulation batt, allow some extra size for compression. Make the piece larger by 2% than the space it should fit into. This helps the insulation batt to fit tightly between the frame battens. It is also necessary to have the frame posts and other structures installed at exactly the right points.

On the building site, VITAL insulation can be best cut with a Tandem electrical saw, whose two reciprocally moving blades cut the viscose fibres effectively. You can also use a circular saw, a bandsaw or a handsaw to cut VITAL batts. Use a straight-edged board to make a straight cut. (fig 3).

Installation

The VITAL batts should be installed before the windproof batts, when both sides of the frame structure are still visible. It is easy at that stage to check that each insulation batt fills the space between the battens, and that the structure has no empty "channels" that might impair its insulation capacity.

While installing VITAL boards, note the following things:

- To minimize the number of joints, install as large pieces as possible
- Make each piece slightly larger than the space it should fit into (allow some extra size for compression)
- Place the insulation batts compactly against each other, and if several layers are installed, stagger the joints.
- The batts remain propped up in a vertical position until the wall boards are installed.
- Do not walk over the insulation batts or load them too heavily.
- Do not compress the insulation material too much, because that increases its density and impairs its thermal insulation capacity.
- Store the insulation batts in a dry and protected place.
- Seal up carefully all conduit entries made in the insulation batt.
- When you install VITAL batts in a small and unventilated space, use a protective nose mask.



2.

Carefully measure the size of the piece you want to cut. Allow an extra 2% for compression. !



3.

Use a straight board to cut a straight edge.



VITAL is pleasant to handle. IT IS NOT PRICKLY OR ITCHY.

File off the set of the saw blade to get a smooth cutting edge.

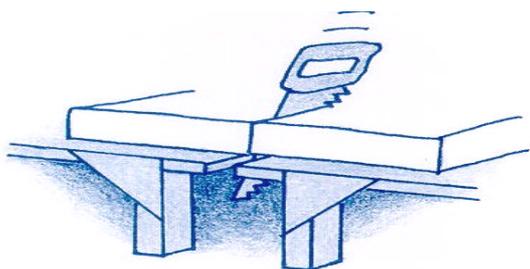


Tools that can be used to cut VITAL boards

- Tandem electrical saw
- circular saw
- bandsaw
- handsaw
- metal saw blade

Proceed with the installations as follows:

1. First place one edge of the insulation batt against the batten (fig 4).
2. To fit in the other edge, use a smooth-surfaced installation plate equal in height to the insulation batt (figs 5 6). Slide the plate carefully out, pressing down lightly on the insulation batt, and use the plate edge to make sure that even the corners are full of insulation material.
3. The insulation batt must fill completely the space between the battens, and no empty "channels" should remain at the corners due to compression. If the piece is too large, it tends to buckle, while a piece that is too small does not fill the space properly.



To cut up VITAL boards, use a trestle worktop with a narrow slit to facilitate sawing.

Protection of structure

Insulated structures should be protected from rain. If a VITAL insulation batt gets thoroughly wet, it begins to sag and dries up hard, which reduces its thermal insulation capacity

the tarpulins used to cover up insulated structures must have no holes. This is especially important while protecting ceiling structures, because rain water may accumulate on the tarpaulin. It is therefore best to support the tarpaulin on an A frame prop, which makes rain water run off. If the insulation gets thoroughly wet, replace it with new material.



4.

First place one edge of the insulation batt against the batten



5.

Place the insulation plate against the back wall of the insulation space and press down the insulation board between the battens.



6.

Use the edge on the plate to make sure that even the corners are full of insulation material.



7.

Careful installation is necessary for good insulation !



For further information
about the properties, uses
or installation of VITAL insulation batts,
please contact your nearest VITAL supplier:



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