

SecilVIT Cork Board - Internal Application

SecilVIT cork boards were originally intended to be used as an external insulation system (EWI) as this is often the most effective way to insulate a solid-masonry building. However, insulation externally may not be possible and it may therefore be necessary to fit insulation to the inside of an external wall. As an internal insulation system, the Secilvit Cork board is very suitable for older structures as all elements of the system; the board and the adhesives and plasters; give a fully breathable insulation that manages moisture and air movement very effectively.

This is a brief application guide for fixing SecilVIT Cork board to internal walls.

Cork boards must be applied to an even surface so you may require the application of a levelling lime plaster coat to your wall. The boards should be cut carefully to ensure that there are no gaps when you install them.

Once any undulations have been levelled, use Secil AdhereVit to fix the boards to the wall. The AdhereVit should be applied with a notched trowel as this helps to provide complete contact between board and wall. Allow for an average of 5mm coat.

Fit the boards carefully to ensure there are no gaps and firmly push them against the AdhereVit. If thinner boards are used, these may be used to follow gentle contours of an undulating wall. This will usually require mechanical fixing to hold the boards in shape.

A small amount of AdhereVit may be used to fill any minor gaps and on the edges of the boards to ensure a thorough fix.

Once fixed, leave the cork boards for at least 24 hours so that the AdhereVit can harden. It is not usually necessary to use mechanical fixings internally as long as the wall is flat and the AdhereVit applied over the entire surface. However, when deemed necessary, use fixings at a rate of c. 10 fixings per sq.m, and position them in the centre of the board and at the edges and angles. The size and type of fixing used will vary depending on the grounds on to which the board is placed.

A 3mm coat of AdhereVit should then be used as a backing coat on the face of the cork boards and notched once again in order to create the best possible bond.

Place a 2mm, 160gm fibre glass mesh across the whole of the wall immediately after notching the AdhereVit and work it in. Apply another 2-3mm coat of AdhereVit to

conceal the mesh. This coat should be left for approximately 24hrs for the plaster to harden.

After 24 hours (or longer), a coat of Secil Finish or Secil Fine Finish or Stoneware Studios Setting Stuff can be applied totalling 3mm which can be finished with a trowel or sponge as preferred.

Decorate with a suitable breathable paint such as Earthborn claypaint or a breathable emulsion.

Stoneware Studios, Pillmore, Youghal, Co. Cork

Tel: 024-90117

www.stonewarestudios.com





