

Schedule of Works

Fixing of Thermal Insulation to Internal Face of External Wall (Ground floor only)

This application relates to the installation of thermal insulation to the internal face of the exterior walls of the two bedrooms of the ground floor flat. This is on the rear, or north wall of the property. The walls represent 100% (less window area) of the external walls of these 2 rooms. The construction of the floor is of suspended timber. Adequate insulation is laid over the ceilings of the rooms. Above the ceiling void is the fireproof soffit of the 1st floor flat above

This north wall was fully re-constructed as part of the conversion of the former preparatory school into flats and residences. The construction of the wall is typical for the 1970s or 80s period. It consists of an external roughcast render over a medium density concrete block external skin, a clear cavity, and a thermalite type block internal skin overlain with 2 coat plaster/skim. This construction provides a dry internal surface. Whilst the nature of the construction does provide some thermal insulation the internal surface of the wall does at times feel cold to the touch. It is considered that the fixing of Kingspan “Kooltherm” K118 Insulated bonded plasterboard (or similar) would improve the internal environment of the property and reduce the long-term carbon footprint of this particular flat. When applied to the existing wall construction the 62.5mm bonded board is listed as producing a thermal conductivity value of no greater than 0.24 W/mK.

A plain gyproc 90mm type C section coving has been applied to the wall / ceiling interface. . This construction is not original and has no significance to the listed status of the property.

The intention is to remove the coving and all surface finishes to the interior face of the external walls and to bond 50mm+12.5mm Insulated bonded plasterboard (Kingspan K118 or similar) direct to the prepared surface of the walls. .

Fixing to be by Acrylic sealant / PU foam adhesive bonding with a secondary mechanical fixing, all applied as per the attached Kingspan “Sitework” data sheet.

A two coat plaster and skim finish is to be applied to the resultant new plasterboard face and a plain 90mm type C section Gyproc coving is to be applied to match up with the remaining coving. There will be no change in the internal (or external) appearance of the room / wall except that the overall internal dimension of the room will be some 70 mm less in overall width (allow 7.5mm for fixings).

All proprietary products to be used strictly in accordance with the manufacturer’s instructions.

T Longden
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