

RAINSCREEN FIXING GUIDE



COVEROCK
INSULATION



COVEROCK-V

INFORMATION:

Coverock-V is a Mineral wool Insulation, manufactured from stone for, but not limited to, Rainscreen cladding. Coverock - V is manufactured to **BS EN 13162** "Insulation for building applications", factory mineral wool (MW) products.

Thermal conductivity coefficient is 0.35 [W/ (mK)]

DOP: CV-DOP.MW/01-60-250.

DIMS: 1000mm X 600mm X (60mm-250mm)

FIXINGS:

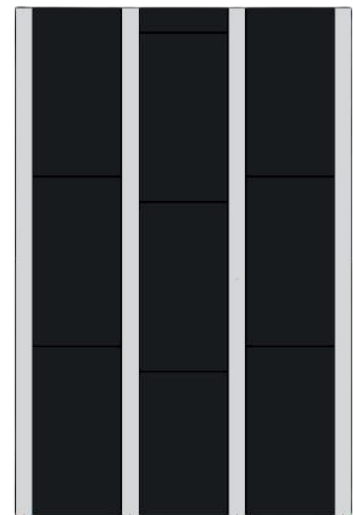
Please refer to the fixing manufacturers guide as to the correct fixing for the insulation depth and substrate materials. Always ensure a pull-out test or test data is available from the manufacturer used. Refer to engineer's requirements for wind loads dependent on location and height of the buildings.

SITE APPLICATION:

Coverock-V is the ideal size for handling around the scaffold, lightweight and manoeuvrability around awkward spaces. Installation is an easy task, cutting with an insulation saw or knife, but please be sure to wear appropriate PPE and follow the task specific method statement.

CLADDING APPLICATION:

The insulation should be arranged in the cladding zone via a staggered formation or brick bond, ensuring the batt or slabs are vertical in length, the joints staggered between 100mm and 150mm

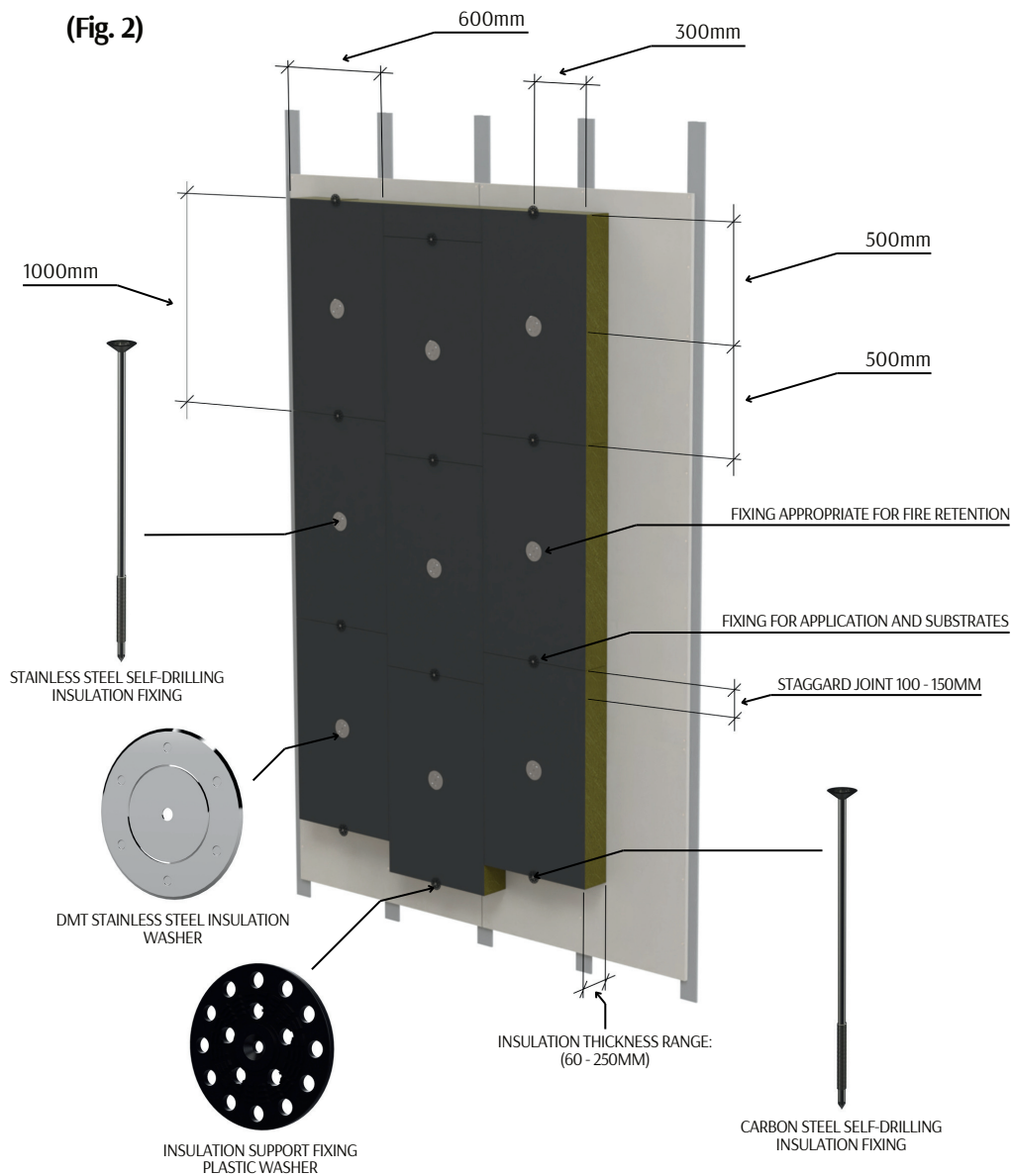


(Fig.1)

Coverock-V has a black glass face, this is the outward face of the material and exposed to the cavity (Fig.1).

FIXING PATTERN (CP BOARDS):

The insulation should be fixed utilising the following patterns, please check the requirements as specified by the engineers for location, loads and heights.



MECHANICAL FASTENERS:

All fixings used should be appropriate for the depth of the insulation, allowing for embedment and the substrate material (**Fixing manufacturers guide**).

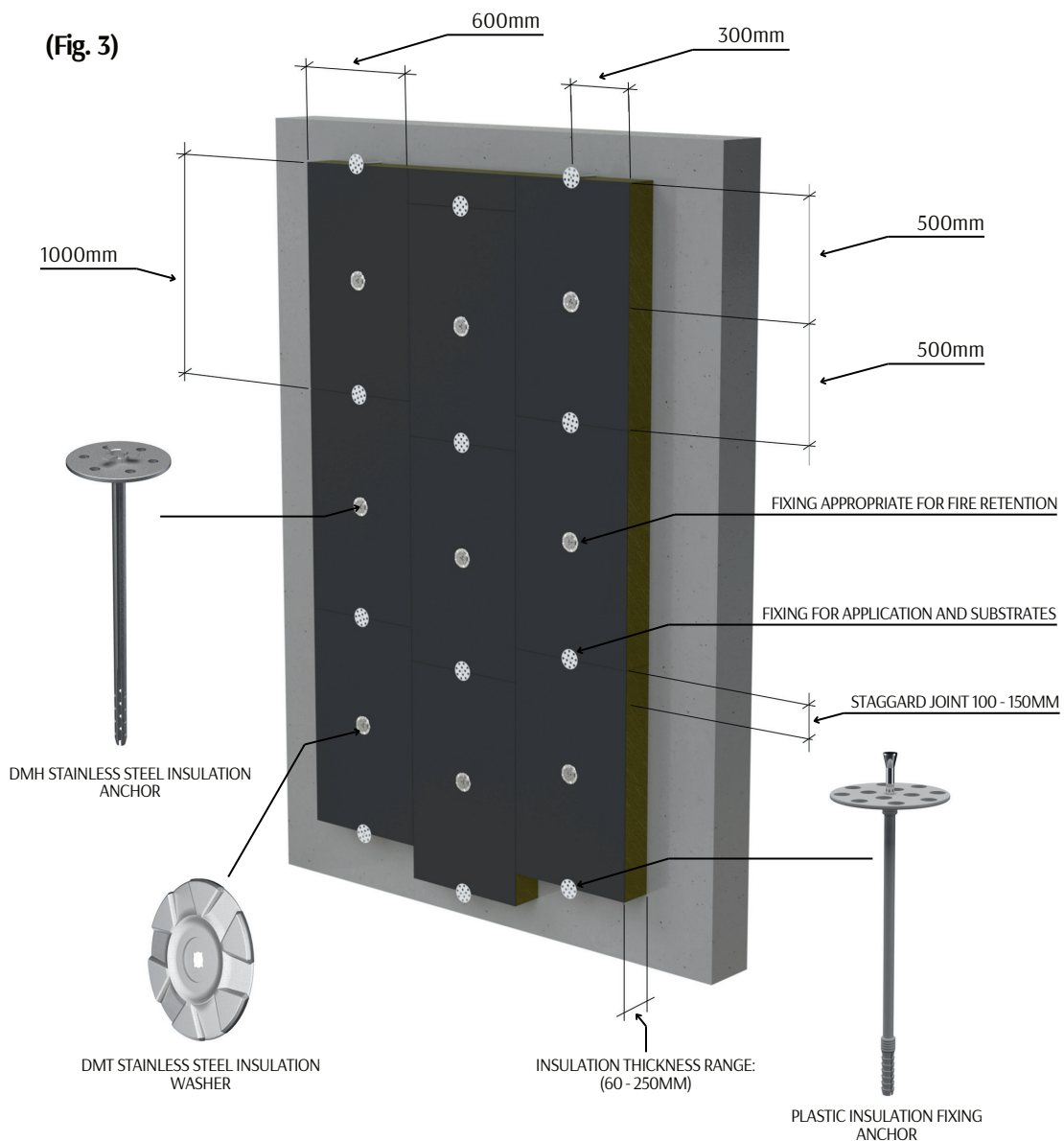
Note: The central fixing to the insulation batt or slab should be specified to cover any current fire regulation requirements, normally stainless steel; all other fixings can often be polypropylene. (Fig.2).

DIMENSIONS:

Batt or slab size = 1000mm x 600mm allowing a central fixing @ 500mmcc on the vertical and 300mmcc on the Horizontal, subsequently all other fixings are central to each Batt or Slab (Fig.2).

FIXING PATTERN (CONCRETE):

The insulation should be fixed utilising the following patterns, please check the requirements as specified by the engineers for concrete specifications, location, loads and heights.



MECHANICAL FASTENERS:

All fixings used should be appropriate for substrate and the depth of the insulation, allowing for embedment and the substrate material (**Fixing manufacturers guide**).

Note: The central fixing to the insulation batt or slab should be specified to cover any current fire regulation requirements, normally stainless steel; all other fixings can be polypropylene. (**Fig.3**).

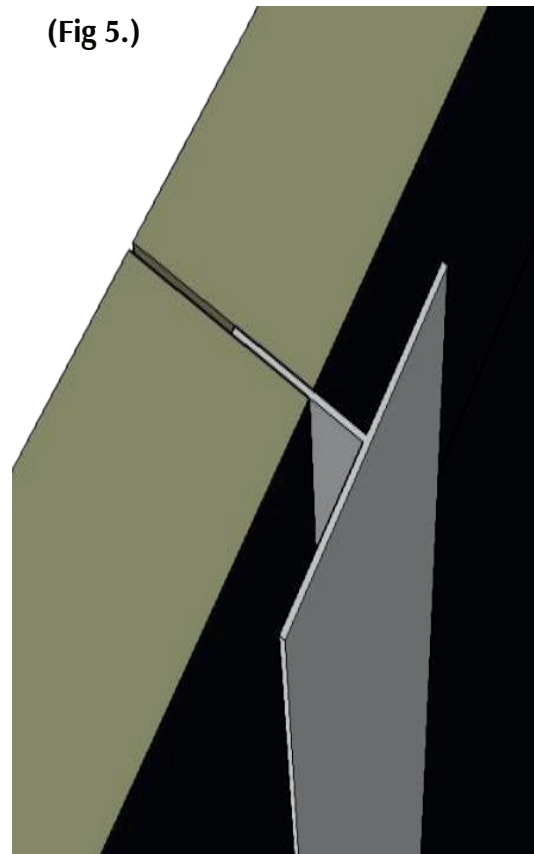
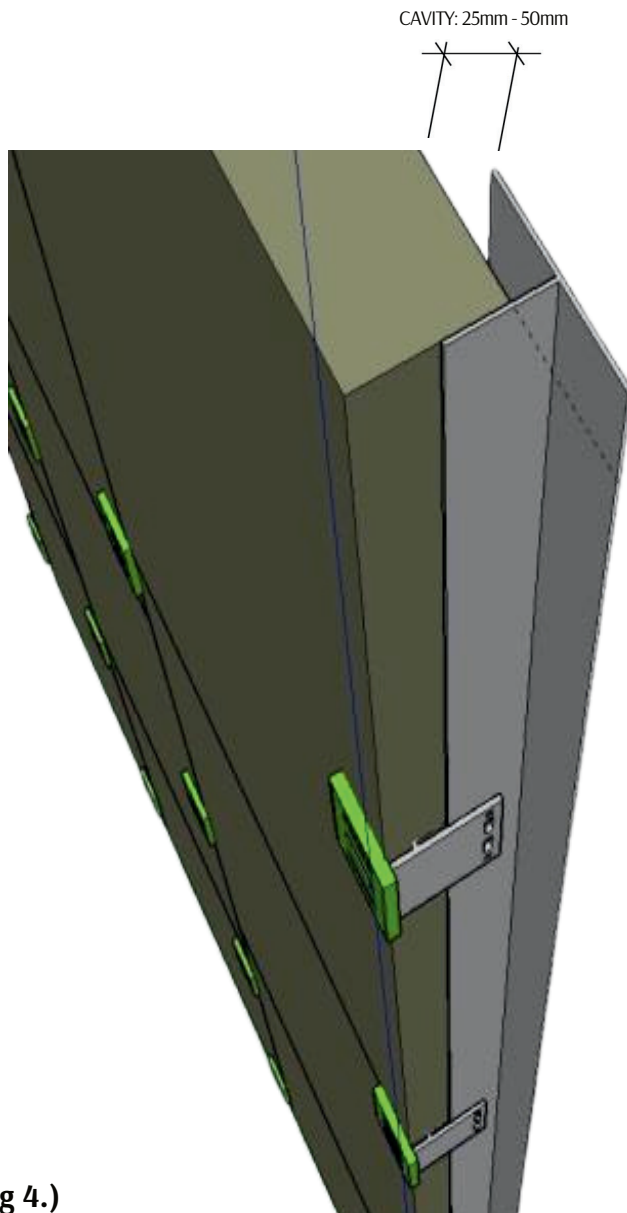
DIMENSIONS:

Batt or slab size = 1000mm x 600mm allowing a central fixing @ 500mmcc on the vertical and 300mmcc on the Horizontal, subsequently all other fixings are central to each Batt or Slab (**Fig.3**).

HELPING HAND BRACKET SYSTEM:

Pending the fixing centres (**cc**) of the Helping hand bracket and rail system (**typically 600mmcc**) the insulation must be cut into the void between each run and to the depth as required to achieve the pre-determined U-value for the through wall elements (**by others**) .

The Batts or Slabs should be tightly abutted in all directions, when handling, try not to damage the Black Glass face; this assists the protection of the material but also enhances longevity of the product. (**Fig 4 & 5**)



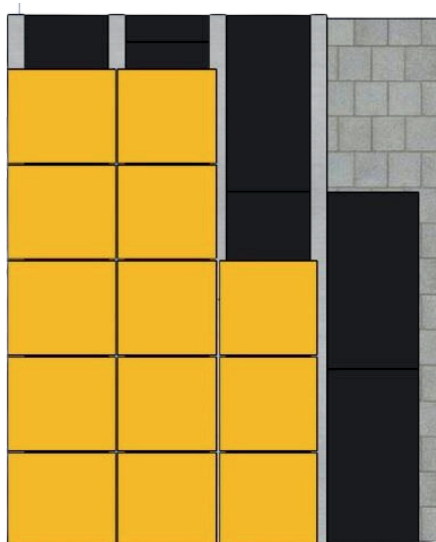
CAVITY:

CWCT minimum requirement is 25mm & NHBC 50mm, please ensure the correct offset is used to create the cavity as specified, so the helping hand brackets and “T” and “L” profiles are correctly positioned (**Fig 4.**)

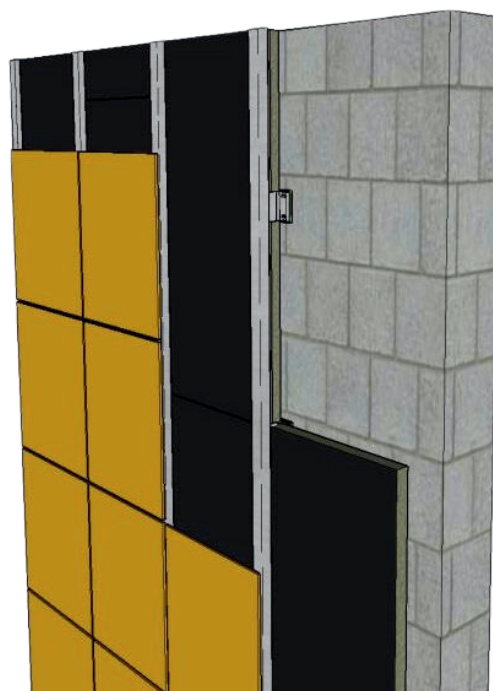
RAINSCREEN CLADDING SYSTEM:

Typical substrate for various materials. Helping hand bracket system and insulation embedded around the brackets, then a typical cavity of 25mm – 50mm or to the requirements of the project, finished with Rainscreen cladding panels. **(Fig 6 & 7).**

(Fig 7.)



(Fig 6.)



IMPORTANT:

The Insulation should be stored in dry conditions out of sunlight. For best practice all helping hand brackets should be fitted with isolation pads to reduce cold bridging **(Fig 4).**

FIXING COMPANIES:

Selkent - Tel: 02086996777 www.selkent.com.

Rawplug - Tel: 0141 638 7962 www.rawplug.co.uk

Ejot - Tel: 01977 687 040 www.ejot.co.uk

FRAMING COMPANIES:

Aluclad systems – Tel: +44 2030 114 880 www.alucladsystems.com

Nvelope – Tel: 01707 333 396 www.nvelope.com