

# PROCESSING GUIDELINES FOR IKO ENERTHERM INSULATED PLASTERBOARD

## Storage

The insulation boards should be stored in such a way as to prevent damage. The boards also need to be protected from the weather.

## Application

IKO enertherm insulated plasterboard (Inner wall insulation)

## Installation procedure

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Prior to installation, ensure the internal wall is dry, sound and free from contaminants.

## INTERNAL WALL REFURBISHMENT (DRYLINING)

### DOT & DAB APPLICATION

#### Installation Details

- Do not use IKO enertherm insulated plasterboard to hide or isolate damp or wet walls.
- Remove all fittings (skirting boards, rails, coving, radiators, socket facings etc) and ensure walls are clean, dry and free from protrusions. Strip gloss paint or vinyl wallpaper.
- Set out the positioning of IKO enertherm insulated plasterboard and cut boards to size if required, to fit floor to ceiling of the room. Allow 15mm off the floor to ceiling height. Consideration should be given to windows, sockets, doors, phone cables etc.
- IKO enertherm insulated plasterboards should be tightly butted and joints taped.
- Gaps between the board and floor can be filled with PU foam or flexible acrylic sealant.
- For window reveals use a thin IKO enertherm insulated plasterboard (37.5mm) and apply drywall adhesive to the back of the board or wall to secure in place.

#### Dot & dab

- When installing onto existing plastered walls, a bonding agent must be applied and allowed to fully dry prior to IKO enertherm insulated plasterboard installation.
- Prepare drywall adhesive to manufacturer's instructions. Advice should be sought from the adhesive manufacturer to confirm suitability onto intended masonry substrate.
- Trowel a continuous band of adhesive around all wall edges and openings to provide a fire stop.
- Apply dabs of adhesive to the wall approximately 50-60mm wide x 250mm long, with at least 18 dabs per board (approx. 600mm centres vertically).
- Install IKO enertherm insulated plasterboard onto the wall and adhesive dabs, tap the board with a straight edge ensuring the board is in the correct position.

- Come round the internal wall a minimum of 400mm.
- Once the adhesive has dried (approx. 24 hours), fix nailable plugs (a minimum of 2 per IKO enertherm insulated plasterboard to the tapered edge, ensuring 25mm penetration to wall).

## INTERNAL WALL (DRY LINING)

### MECHANICALLY FIXED TO TIMBER BATONS

#### Installation Details

- Treated 25 x 50mm soft timber battens should be used to install IKO enertherm insulated plasterboards.
- Fix DPC strips to the back of the timbers with staples prior to installation.
- Install timber battens to wall at a maximum of 600mm centres. Secure timbers in place using wood screws and wall plugs or nailable plugs.
- Fixings should penetrate a minimum of 45mm into the wall.
- Fix battens around all wall edges, openings and services.
- Timbers can be packed out to ensure a level surface.
- Come round the internal wall a minimum of 400mm.
- Place IKO enertherm insulated plasterboard in position.
- The IKO enertherm insulated plasterboard must meet the centre lines of the timber battens.
- Secure IKO enertherm insulated plasterboard to the timber battens using drywall screws at 300mm centres and 200mm centres, around openings / external corners. The fixing should penetrate as least 25mm into the timber.

## SITE WORKING PRACTICE

At the completion of each day's work, or whenever work is interrupted for extended periods of time, board edges and joints should be protected.

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