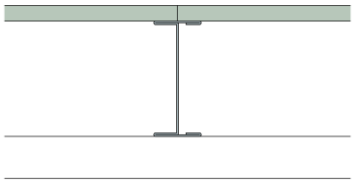
Technical Specification

This document provides guidance on how to achieve performance and warranty requirements by exclusively using British Gypsum products or system specifications.

GypLyner Independent

GIWL-92-I-90-1L-MR15 (A)

One layer of Gyproc Moisture Resistant 15mm to one side of Gypframe 92 I 90 'I' Stud framework forming an independent lining where there is no requirement to satisfy any performance criteria. For heights up to 4200mm.



Background

Background	Suitable structural background.

Head design

Head channel	**Gypframe 94 FEC 50 Folded Edge Standard Floor & Ceiling Channel**

Gypframe channel suitably fixed to soffit at 600mm centres in two lines staggered by 300mm.

Deflection allowance	Vertical deflection only. To be determined by a Structural Engineer.

Framework

Stud	**Gypframe 92 I 90 'I' Stud**
Stud centres - Max (mm)	600
Abutments and openings	**Gypframe 92 S 50 'C' Stud**

Gypframe 'C' stud suitably fixed to structure at 600mm centres in two lines staggered by 300mm.

Base channel	**Gypframe 94 FEC 50 Folded Edge Standard Floor & Ceiling Channel**

Gypframe channel suitably fixed to floor at 600mm centres in two lines staggered by 300mm.

Insulation

No insulation

Board and fixings

Board side 1, Layer 1	**Gyproc Moisture Resistant 15mm**	Screws side 1, Layer 1	**British Gypsum Jack-Point Screws 25mm**

Board layer 1, fix securely to Gypframe metal supports around the perimeter of the board and intermediate stud positions at maximum 300mm centres. External corners reduce fixings to 200mm. Drywall screws can be used for fixing boards to metal profiles with a thickness of 0.8mm or less (excluding 'I' studs). Fix working from the centre of each board. Position screws not less than 13mm from cut edges and 10mm from bound edges of boards. Set screw heads flush with plasterboard surface; do not break paper or gypsum core.

Fixing strap	**Gypframe GFS1 Fixing Strap**

Used to support horizontal board joints and enable board screw fixing at 300mm centres.

Fixing T	**Gypframe GFT1 Fixing 'T'**

Used to support horizontal board joints and enable board screw fixing at 300mm centres.

Sealant	**Gyproc Sealant**

Locate sealant at junctions with adjoining structure and other air paths. Apply as a continuous bead to clean, dry, dust-free surfaces, leaving no gaps. After application of sealant, bulk fill gaps between floor and underside of plasterboard using Gyproc jointing compound.

Finish coat

Finishing is not required to achieve the specified performance, but the system can be finished using either one of our Thistle or ThistlePro plasters, or Gyproc jointing products. See the product range guides on the British Gypsum website for more information.

System performance

Please read performance data with any associated standards.

Maximum height (mm)	**4200**

The maximum heights quoted are based upon a limiting deflection of L/240 at 200 Pa.

Minimum cavity / offset (mm)	**30**

The minimum cavity/offset is recommended to avoid bridging between the background and metal studs over the lining system height.

Approx. weight (kg/m2)	**17**