

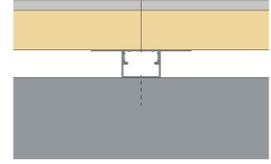
# Technical Specification

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

GypLyner Single

## TL-Universal (C) (EN)

Solid masonry background with Gypframe GL1 Lining Channel framework fixed to one side with a cavity between 25mm to 125mm clad with one layer of Gyproc ThermaLine PIR 63mm



## Background

Background	Masonry
------------	---------

## Head design

Head channel	<b>Gypframe GL8 Track</b>
--------------	---------------------------

Track suitably fixed to soffit at 600mm centres.

## Framework

Stud	<b>Gypframe GL1 Lining Channel</b>		
Stud centres - Max (mm)	600		
Channel connector	<b>Gypframe GL3 Channel Connector</b>		
Bracket type	<b>Gypframe GL2 Bracket</b>	Bracket centres - Max (mm)	800
Bracket fixing	<b>British Gypsum Wafer Head Drywall Screws 13mm</b>		
Fixing method	<b>Gypframe GL11 GypLyner Anchor</b>		

The brackets are fixed to the background with anchors for solid backgrounds or proprietary fixings for hollow backgrounds. Position lining channels at equal centres, maintaining sequence across openings, and locate in floor and ceiling track. Provide additional lining channels as necessary to ensure support to all vertical edges of boards. The legs of the bracket are fixed to the lining channel with wafer head screws then bent back from the lining channel face. For internal corners, legs are bent across the lining channel face and fixed using wafer head screws. Ensure end board joints do not coincide with lining channel joints.

Base channel	<b>Gypframe GL8 Track</b>
--------------	---------------------------

Track suitably fixed to floor at 600mm centres.

## Insulation

No insulation

## Board and fixings

Board side 1, Layer 1	<b>Gyproc ThermaLine PIR 63mm</b>	Screws side 1, Layer 1	<b>British Gypsum Drywall Screws 75mm</b>
-----------------------	-----------------------------------	------------------------	---

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. 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	<b>Gypframe GFS1 Fixing Strap</b>
--------------	-----------------------------------

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

Fixing T	<b>Gypframe GFT1 Fixing 'T'</b>
----------	---------------------------------

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

Sealant	<b>Gyproc Sealant</b>
---------	-----------------------

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

The system should 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.

Minimum cavity / offset (mm)	<b>25</b>	Maximum cavity / offset (mm)	<b>125</b>
------------------------------	-----------	------------------------------	------------

## Further information

**SpecSure®** system performance warranty confirms that British Gypsum proprietary systems will perform as specified for the lifetime of the building. The **SpecSure®** warranty requires that all components are specified in full and constructed in accordance with British Gypsum's installation guidance. For more details see the British Gypsum website. Always check with the design team before making any changes to the chosen specification, ensuring appropriate substantiation is sought to confirm that the solution still meets all required project performances.

Technical Support Team | [british-gypsum.com](http://british-gypsum.com)

This Technical Specification stipulates all British Gypsum products used within a system. These must be used to achieve the stated performance and the **SpecSure®** system warranty.

This document is provided to customers free and the information shown is subject to the accuracy of the information provided to us when the document was originally requested. The document should therefore be approved by the project design and management authority before use to ensure it meets their specific project requirements. It should also be read in conjunction with current literature available at [british-gypsum.com](http://british-gypsum.com). This document is valid at the time of issue, please check with British Gypsum for the latest version. No duty of care is owed to the recipient or any third party and British Gypsum excludes all liability in respect of the information shown to the fullest extent possible save where death or personal injury is caused due to British Gypsum's negligence or for fraud.