Tiling

Tiles can be applied to drylined walls or the surface of lightweight partition systems to dado level or above. Tiling can be carried out in any type of building either in dry areas or in areas subject to intermittent moisture conditions. Typical applications include shower areas, toilets, bathrooms, cloakrooms and kitchens.

Key facts

- Suitable for showers, toilets, bathrooms, cloakrooms and kitchens
- Tiles up to 32kg/m^2 for drylined walls
- Moisture resistant board option for wet use areas
- Recommendations available for all Gypsum Industries systems

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Tiling onto jointed plasterboard

- Install tiles (up to 32kg/m^2) using a thin bed of adhesive (normally 3mm).
- Apply the adhesive strictly in accordance with the manufacturers' instructions

Tapered edge

- Plasterboard joints may be filled with tile adhesive as tiling proceeds.
- If conventional jointing has already been completed, joint treatment must be thoroughly dry, because tiles will trap in any residual moisture.
- Ensure that all dust from sanding is removed.

NB All studs and boards should be installed at suitable centres/ thicknessess to support tiling.
For further information please refer to Gypsum Industries current Product Manual at www.gypsum.ie.

Table 1 - Ceramic tiling on partition systems[1, 3]

System		Board type (including MR variants)	Thickness each side (mm)	Support centres (mm)
GypWall ROBUST		DuraLine	13.5, 15	400
GypWall	48mm or 70mm stud	Any 15mm board, any double layer specification	15 2 x 12.5 2 x 15 19 + 12.5	400
	146mm stud	Any 15mm board, any double layer specification	15 2 x 12.5 2 x 15 19 + 12.5	600
	Timber stud partitions and seperating walls	Any board type	12.5 13.5 15	400 or 600 with noggings
GypWall STAGGERED		SoundBloc	1 x 15 2 x 12.5 2 x 15	400
GypWall QUIET SF		Plank, SoundBloc Tiles over lining boards fixed to Gypframe RB1 Resilient	2 x 12.5 2 x 15 19 + 15	400

[1] The recommendations given are based on experience and laboratory/site testing. In practice, performance will be dependent on factors such as workmanship and site conditions. Guidance, therefore, is given without warranty.

Additional support (mm)	Fixings and centres centres (mm)	Comments
	Gyproc DryWall Screws at 300mm centres	
	Gyproc DryWall Screws at 300mm centres	
Extra stud to give 300mm centres at tiling height[2]	Gyproc DryWall Screws at 300mm centres	
Timber noggings 50mm x 38mm min. at 600mm centres vertically	Gyproc DryWall Timber Screws at 300mm centres or Gyproc Nails at 150mm centres to all supports	
Studs at maximum 600mm centres, Gypframe RB1 Resilient Bars at 400mm centres		

[2] An intermediate stud should be fixed midway between the main studs, i.e. to achieve supports at 300mm centres. It should be fitted into the floor channel in the normal way.

[3] Where single layer DuraLine is being fixed to Gypframe 'C' Studs, these should be a minimum gauge of 0.6mm

Table 1 - Ceramic tiling on partition systems - *continued*

System	Board type (including MR variants)	Thickness each side (mm)	Support centres (mm)
GypWall QUIET SF	Tiles over lining boards fixed to metal studs	2 x 12.5 2 x 15 19 + 15	
GypWall SECURE	Multiboard	2 x 10	
ShaftWall To non-shaftside only	FireLine	1 x 15 2 x 15	600 2 x 12.5
GypWall AUDIO	SoundBloc, FireLine, Plank	2 x 12.5 2 x 15 19 + 15	400

[1] The recommendations given are based on experience and laboratory/site testing. In practice, performance will be dependent on factors such as workmanship and site conditions. Guidance, therefore, is given without warranty.

Additional support (mm)	Fixings and centres centres (mm)	Comments
Studs at 400mm centres		
Studs at 300mm centres (or Gypframe Fixing Channel 99 FC 50 at 1200mm centres for single layer lining specifications). the two layers of 12.5mm or 15mm board are bonded with continuous bead of Gyproc Sealant midway between studs.	Gyproc DryWall Screws at 300mm centres	To be within L/360 deflection limits.

[2] An intermediate stud should be fixed midway between the main studs, i.e. to achieve supports at 300mm centres. It should be fitted into the floor channel in the normal way.

[3] Where single layer DuraLine is being fixed to Gypframe 'C' Studs, these should be a minimum gauge of 0.6mm

Table 2 - Ceramic tiling on dry lined walls and independent wall linings[1, 3]

System	Board type (including MR variants)	Thickness each side (mm)	Support centres (mm)
DriLyner BASIC	Any board type except Duplex grades or Thermal laminates	9.5 12.5, 13.5, 15	400/450 600
DriLyner TL	Thermal laminates	All	600
DriLyner MF	WallBoard, WallBoard Duplex, FireLine, FireLine Duplex, SoundBloc, DuraLine	12.5, 13.5, 15	400 MF sections
	Thermal laminates	All	
DriLyner RF	Thermal laminates	All	Blobs of Gyproc Sealant at nominal centres
Timber battens	Any board type except thermal laminates	12.5, 13.5, 15	400
	Thermal laminates	All	
GypLyner IWL	WallBoard, WallBoard Duplex, FireLine, FireLine Duplex, FireLine MR, Moisture Resistant, Thermal laminates	2 x 12.5 15	400
GypLyner	WallBoard, Moisture Resistant, DuraLine, SoundBloc, Thermal laminates	12.5, 13.5, 15 All	400

[1] The recommendations given are based on experience and laboratory/site testing. In practice, performance will be dependent on factors such as workmanship and site conditions. Guidance, therefore, is given without warranty.

Additional support (mm)	Fixings and centres centres (mm)	Comments
Horizontal dabs of adhesive at mid-storey height		Wall lining left to stand for seven days before tiling begins
Horizontal dabs of adhesive at mid-storey height	Gyproc Nailable Plugs through each board[2]	Wall lining left to stand for seven days before tiling begins
	WallBoard, GypWall Screws at 300mm centres into each support	Wall lining left to stand for seven days before tiling begins
	Thermal laminates, GypWall Screws at 300mm centres into each support	Wall lining left to stand for seven days before tiling begins
	Nine Gyproc Nailable Plugs per board	Wall lining left to stand for seven days before tiling begins
Horizontal battens at head base, and intermediate positions not exceeding 1200mm centres	Gyproc Nails at 150mm centres to all support or Gyproc Drywall Timber Screws at 300mm centres	50mm wide battens
	Thermal laminates, GypWall Screws at 300mm centres into each support	Wall lining left to stand for seven days before tiling begins
	Mid-height support from framework to structure	
Fixing brackets at 600mm centres	Gyproc Drywall Screws at 300mm centres	

[2] Additional Gyproc Nailable Plugs in the area to be tiled at $3m^2$.

[3] Where single layer DuraLine is being fixed to Gypframe 'C' Studs, these should be a minimum gauge of 0.6mm

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