

Your guide to
**The Ultimate
Building Board**

[fermacell®](#)



**Performance?
Flexibility?
An all round
better job?**

**THIS IS A JOB FOR
fermacell**



Imagine a building board versatile enough to be used virtually anywhere, which outperforms plasterboard and is less expensive than a cement board.

An ideal alternative to specialist plasterboards, **fermacell** literally has it all:

Performance

Hanging strength, acoustic performance, moisture resistance, impact resistance and fire resistance combined in one board, developed to the highest standards of German engineering (where it's been proven for over 40 years) and tested to both British and European building regulations.

Flexibility

Having only one type of board onsite makes your life easier, it's easy to fit and with no wet trades needed you'll find it quicker to complete the job too. And **fermacell's** so inherently strong, changing details such as radiator, wall hung television or kitchen cupboard position is easy, with no need for patressing and therefore no extra cost.

Not only that, **fermacell** is produced using recycled gypsum and recycled waste paper - making it one of the greenest materials around.

Sound too good to be true?

Read on, and you'll see that whatever the project, it's a job for fermacell.

Kitchens? Bathrooms? Partitions? Loft conversions? Extensions? Cellars? Garages?

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How can just one building board have so many uses?
With **fermacell**, it's easy – which means you only need to put one board in your van for every job.

Take a simple partition. With **fermacell** building boards, your partition will have all the properties of solid masonry with the speed and flexibility of drywall - and the construction is often thinner, quicker and cheaper to install with no wet trades.

What's more if a customer decides to change the position of a radiator or cupboard, relocation is simple with no need for additional support, because there is no requirement for plywood patressing.



So wherever you use it,
fermacell is the only
board you need...



Kitchens.

With up to 30kg per standard wood screw, or 50kg per specialist toggle-bolt fixing, kitchen cupboards can be hung directly to a **fermacell** partition wall without additional timber support.



Bathrooms.

fermacell's moisture resistance has made it a firm favourite as a tile backer at a significantly reduced cost compared to cement boards.



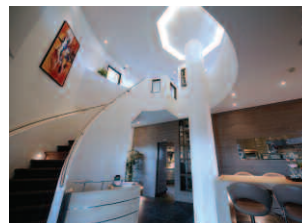
Living Areas.

As well as hanging strength for flatscreen TVs, mirrors or radiators, **fermacell** also provides excellent acoustic performance all around the home.



Cellars & Garages.

fermacell's moisture and mould resistance makes it the ideal choice for lining previously damp areas, plus its impact and hanging strength make it ideal for tough, storage environments.



High Traffic Areas.

With superior impact resistance, **fermacell** is perfect for hallways, stairways, play rooms and utility rooms. Plus if **fermacell** does take a knock, it's really easy to just fill and repair.

fermacell's performance at a glance.



Load Carrying.

With a load-bearing capacity of up to 50kg per toggle-bolt and 30kg per screw, **fermacell** gives greater flexibility as many items can be fixed directly to the boards rather than the sub-structure.



Rapid Finishing.

To achieve a finish identical to skim plaster, **fermacell** can be easily coated with FST (Fine Surface Treatment), drying in 45 minutes and eliminating the need for plastering.



Impact Resistance.

The dense material has a Severe Duty rating, able to withstand impact from people as well as objects such as door handles, reducing the need for double layering or Sheathing Ply.



Ready to Decorate.

fermacell building board offers a sufficiently smooth finish to readily accept paint, wallpaper or tiles without the need for plastering.



Moisture Resistance.

High resistance to moisture makes **fermacell** an ideal choice as a tile backer in humid areas such as kitchens and bathrooms.



Environmental.

Manufactured from recycled materials to produce a sustainable building board that is itself totally recyclable.



Sound Insulating.

Greater acoustic performance, often with fewer layers than plasterboard constructions, enables slimmer partitions and simple party wall construction. A single layer of 12.5mm **fermacell** can achieve 41Rw of sound insulation.



Healthy Living.

With such a high resistance to mould it is the healthy choice for use as a tile backer in bathrooms, laundries, kitchens and shower rooms.



Fire Resistance.

With 60 minutes' fire resistance from single layer partitions up to 10m high, **fermacell** boards carry Class '0' certification and have been approved under ETA 03/0050, classified as Euroclass A2.

Easy to fix, joint and finish.

Although it outperforms plasterboard in so many ways, **fermacell** is just as straightforward to fit. In fact, it takes just four easy steps – and with no wet trades needed, you'll reduce time and cost onsite!

For example, for a simple partition...

Cut

Once the timber or metal framework is in place, the **fermacell** boards can be scored and snapped using a **fermacell** knife or cut using a circular saw or jigsaw. When using a circular saw, use a vacuum attachments, select a blade with fewer teeth, a maximum of 16 is advisable - and reduce the cutting speed.

Fix

For metal frames, boards should be screwed to the vertical studs only, while with a wooden frame they must be screwed or stapled to the whole timber frame. Because of the density of the board, it should only be fixed using **fermacell's** self-embedding screws.

Joint

To joint tapered edged boards the joint must be reinforced with a paper or mesh joint tape (we recommend **fermacell** Paper Jointing Tape as this gives a stronger joint). **fermacell** Joint filler is applied for bedding in the tape and filling screw heads etc. Use flexible mastic when jointing **fermacell** boards to other materials.

Finish

At this stage the **fermacell** surface is smooth enough for wallpapering or tiling directly onto – but for a skim plaster-type finish, simply use **fermacell** Fine Surface Treatment (FST), a ready mixed face filler. Easily-applied using a spatula, coat the entire surface and remove any excess immediately to leave a coating 0.5mm thick which will be dry in just 45 minutes.

And that's it. No plastering, no waiting... just a perfect finish ready for decoration, so you can move onto the next job!



To see just how easy it is to use **fermacell**, watch our video at:
www.fermacell.co.uk/en/content/partitions_1573.php

Still thinking plaster board?

See how fermacell compares.

You've seen how versatile **fermacell** is, whatever the job. You've seen how well it performs, offering you better performance over specialist boards.

And you've also seen just how easy it is to use, leaving you with a top quality finish in a fraction of the time and overall cost.

Now take a look at how well **fermacell** stacks up against other boards.

No contest!



See how fermacell ticks all the boxes



Moisture Resistance



Fire Resistant



Sound Insulating



Impact Resistance



Load Carrying

	Moisture Resistance	Fire Resistant	Sound Insulating	Impact Resistance	Load Carrying
Standard Plasterboard					
Performance Moisture Board	✓				
Performance Fire Board		✓			
Performance Sound Board			✓		
Performance Impact Board				✓	
fermacell	✓	✓	✓	✓	✓

Performance Plasterboard vs fermacell

'The Hidden Costs'

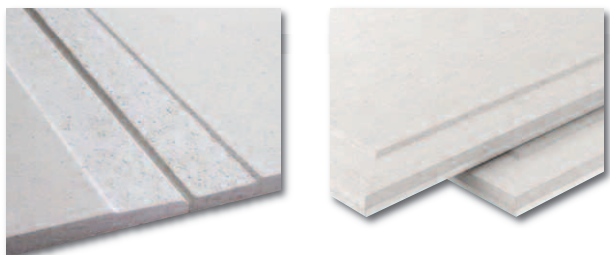
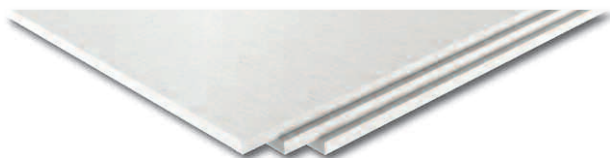
	Board		Plywood Patressing		Wet Plaster Skim Finish	
	Materials	Labour	Materials	Labour	Materials	Labour
Plasterboard	£	£	£	£	£	£
fermacell	££	£	Not Required	Not Required	Not Required	Not Required

The fermacell range.

fermacell gypsum fibreboard

Board type:	Tapered edged board	✓
Dimensions:	1200mm x 2400mm	✓
Thickness:	12.5mm	✓

This tapered edge board is only a small part of the full **fermacell** range. There are a variety of additional **fermacell** board types, thicknesses and dimensions suited to a range of applications.



Accessories.

A full range of accessories is available including **fermacell** screws, Joint Reinforcement Tape, Joint Filler and Fine Surface Treatment ensuring perfect results whatever the applications.

Don't forget to pick up your accessories today!



Board Knife



Joint Reinforcement Tape



Joint Filler



Fine Surface Treatment (FST)



Screws

Please visit www.fermacell.co.uk for the full range.

FAQs

How long has fermacell been available?

About 40 years – it was first produced on a commercial scale in Germany in 1971. It's been in the UK since 1989.

What's different about fermacell to standard plasterboard?

Well, firstly, it's heavier than standard plasterboard due to the added density. You don't have to skim it, you can paint, wallpaper or tile directly onto it. If you want a skim type finish use **fermacell** Fine Surface Treatment (FST for short).

What's FST?

It's a ready mixed filler – but it's more like a very thick paint. You put it onto the whole wall surface (with a trowel, a spatula or even a roller) then scrape it all back off again.

Do I need special tools?

No, not really – you can cut **fermacell** board with a hand or a circular saw or you can use our **fermacell** knife.

Can I use standard drywall fixings?

No – **fermacell** is very dense and normal fixings won't pull into the board surface. **fermacell** screws are designed for the job and work on timber or metal stud work.

Do I need a bead on external corners?

No – you can do this if you wish, but all you have to do is joint the boards, finish and make good then round off the corner with some sandpaper to about 3mm – to mimic the effect of a bead.

If you have any further questions please visit www.fermacell.co.uk or contact one of our technical representatives on **0870 609 0306**.



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