



FERMACELL committed to

The Environment and Sustainability





A better environment – in every sense

FERMACELL is right for any job. This high performance multi-purpose dry lining board delivers a range of key benefits, whether it's used in walls, ceilings or floors. But for construction professionals, Fermacell offers more than just quality, flexibility and strength.

From production through to on-site waste recycling, FERMACELL delivers the highest levels of environmental care and sustainability. As well as that, it guarantees healthy living and working conditions in the buildings you create.

Essentially, FERMACELL has a very simple homogenous composition: 80% recycled gypsum and 20% cellulose fibres derived from recycled papers, mixed with recycled water. In other words, it's a 100% recycled material. There are no additives or preservatives used whatsoever. This is also a fully recyclable process, which means that all by-products are fed back into the production cycle.

A trusted pedigree

FERMACELL is one of the brands of Xella International, a worldwide buildings material group with 6,000 employees at 66 locations. Our other brands include SILKA calcium-silicate bricks, YTONG and HEBEL aerated concrete, MULTIPOR insulation systems and AESTUVER fire protection board.

FERMACELL is created at Xella's four state-of-the-art production plants in Germany and Holland. First introduced to the market in 1971, it has developed a leading reputation for effective solutions that meet today's changing building needs.

FERMACELL is a Class 0, A2 fire performance board with excellent acoustic, impact and moisture resistance.

Sustainability matters

FERMACELL'S manufacturing technique is unique. All by-products are fed back into the process with no water wasted, making it a fully recyclable process! Both FERMACELL and the process have been awarded the coveted Rosenheim Institute of Construction Biology and Ecology Certificate and the Low Emissions Product Eco Certificate. FERMACELL has also been defined as a 'Healthy Living' Building Material for allergy-free environments.

FERMACELL'S commitment to sustainability focuses on a 'whole lifecycle' approach to environmental management. From production through to the supply chain and final construction, our goal is to ensure the highest levels of health and safety for everyone who come into contact with our operations and products. Energy, water use and waste minimisation are all key priorities, which includes helping our customers re-use their building site waste as effectively as possible.



FERMACELL has a homogenous composition: cellulose fibres derived from recycled papers mixed with recycled gypsum and recycled water.



Introducing a brand new waste recycling solution

In an innovative new development, FERMACELL has teamed up with leading recycling company Mid UK Recycling Ltd to deliver a unique service to customers. This industry first means that now all of your FERMACELL offcuts and waste can be collected from your site and reprocessed back into building products.



In environmental terms, it's an important step. Building waste is the single biggest component of landfill, representing around 70% of the total. Developments in recycling like this are vital if the Government's landfill reduction targets are to be met.

At FERMACELL, we're proud to be leading the way, and believe that this move further reinforces our position at the forefront of environmental thinking. People often assume that the green option is more costly, but it can save builders and contractors up to 30% compared with other methods of plasterboard disposal.

The benefits to you:

Cost saving

Gypsum can only be disposed of in significant quantities at a limited number of sites. It's therefore very expensive to send to landfill – and with ever-more testing landfill targets to reach, those costs can only increase in the future. What's more, correct segregation maximises skip space and saves on collection costs.

Business benefits

In an increasingly competitive market, a sustainable approach can be a strong business differentiator. In fact, the Government's National Procurement Strategy requires authorities to build sustainability considerations into their procurement contracts. Being seen as a company

that embraces social responsibilities will also enhance your reputation amongst customers, investors, employees and communities.

Environmental benefits

The energy that went into making FERMACELL is partly diverted into new products including cement production – avoiding cross-water importing of raw materials. In addition, less material is sent to landfill, reducing transport and associated pollution.

To find out more or discuss your waste management needs, call freephone 0800 310 1815 or email sales@midukrecycling.co.uk

Easy installation and versatile design

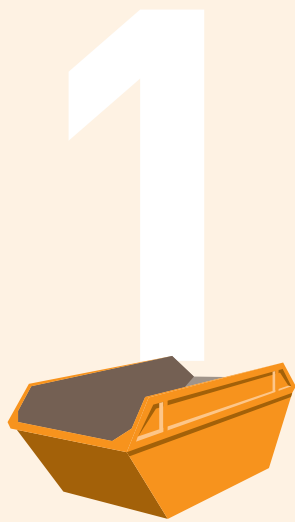
We're pleased to have teamed up with one of the most innovative independent waste management companies in the country.

Mid UK will provide you with:

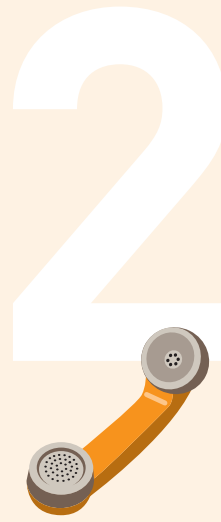
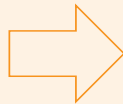
- a specific waste management solution for each site to suit your particular needs
- a nationwide collection and recycling service through a fleet of 50 ISO9002 registered vehicles and a network of professional waste management companies
- an on-site facility allowing you to easily segregate your gypsum waste
- a practical and effective audit trail that is 'Duty of Care' compliant
- a guarantee that all FERMACELL waste is handled in the most efficient, safe and environmentally responsible way
- a comprehensive recycling report for each project including detailed tonnages.

Mid UK Recycling – waste recycling process

The diagram below illustrates the process used by Mid UK Recycling to dispose of FERMACELL dry lining board.



Mid UK Limited supplies a range of bags, skips or Rollonoff containers to meet your needs.



You tell us when your containers are ready for collection and Mid UK will arrange a suitable time.



Your Fermacell waste is taken to Mid UK's purpose-built recycling facility. This industry-licensed by the Environment Agency.

According to research, two-thirds of construction businesses don't know what a Site Waste Management Plan is – a legal requirement from 2008. Equally alarming, almost a quarter had never introduced practices that prevent harm to the environment.

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Waste is transported to a purpose-built 15-acre site in Lincolnshire. The recycling plant is approved by the Environment Agency.

Using unique gypsum board recycling technology, waste is 100% reprocessed into usable, sustainable and environmentally positive raw materials for a range of alternative markets.

On completion of your project, you receive a detailed report that includes recycled tonnages.





Healthier environments - for living and working

According to research, some 70% to 90% of a normal day is spent indoors. With healthy living becoming ever more important to people, the issue of indoor air quality is vitally important. After all, allergies, asthmatic disorders, respiratory tract and skin diseases, as well as certain forms of cancer, are directly related to the air around us.



At FERMACELL, we take our responsibilities for the health of people seriously, which is why all of our products are absolutely safe from an environmental and health viewpoint. An extensive study carried out by the Fraunhofer Institute for building Physics showed that Xella products including FERMACELL do not constitute a fertile breeding ground for mould growth. This reinforces the fact that FERMACELL has for years been a leader in its class thanks to its test mark from the Institute for Building Biology in Rosenheim.

An opinion survey showed that 90% of people would choose environmentally friendly building materials, as long as they are proven to have no health side effects. FERMACELL delivers on both counts.

Key points for a healthy environment

According to 'Test' magazine, the following should be a top priority when buying building materials:

- they do not promote mould formation
- have no carcinogenic or poisonous substances such as PCBs, PAHs or formaldehyde
- provide a comfortable living environment (temperature felt by occupants)
- fall below the limits for radon
- provide sufficient protection against wireless radiation and electrosmog
- are free from dust that promotes cancer or respiratory tract diseases
- do not contain volatile organic compounds (VOCs and SVOCs)
- provide adequate soundproofing.



Healthier environments for the whole home



Our Commitment

At Xella Dry-Lining Systems, we're committed to manufacturing advanced products and solutions with a focus on the environment and sustainability. Our goal is to bring innovation to the market through the development of new and cost-effective dry wall systems, including our market-leading Fermacell dry-lining systems.

We support every member of our team to constantly develop their knowledge and abilities, so that they can keep us at the forefront of the developing construction industry.

We regularly review our processes (and those of our partners and suppliers) to find the most environmentally responsible solutions across our manufacturing, sales and distribution operations.

**FERMACELL –
Dry lining board**

Ecologically friendly
manufacturing

100% recycled
materials from
start to finish.

Creating healthier
living environments

For further information on FERMACELL products,
Call **0870 6090306** or visit **www.fermacell.co.uk**



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