



Ways to sustainability

wedi already thinks about
tomorrow today

“wedi is going in the right direction.”



Sustainability is a big concept. In this brochure we would like to show what it means in concrete terms for wedi.

wedi never loses sight of people and their wishes for a future with a high quality of life in an intact environment. We understand sustainability as reconciling the needs and demands of people today with those of future generations.

Sustainability is something which constantly needs to be worked on. Only when we are successful in combining doing business with protecting people and the natural environment will we achieve sustainable success. As a medium-sized family-run business it is in our own best business interest to be sustainable. However, this does not automatically make us sustainable by any means.

As my father founded the company in 1983, he made sustainability a cornerstone idea of the company's philosophy: wedi delivers practically-relevant ideas which help our customers to be successful in the long-term. When providing these ideas, technical experience, awareness of the customers' wishes and an accurate assessment of future factors during the building process are essential.

Sustainable building is one such important factor which can appreciably relieve the burden on environment through concrete solutions. Energy efficiency and a sparing use of resources, but also age-appropriate and barrier-free living are also important goals for wedi. We follow these goals consistently and provide all involved in the building process with the optimised solutions: building contractors, planners, commercial suppliers and tradesmen.

The new challenge is to provide solutions for all which not only meet the customer's wishes but are also in keeping with the responsibility to deliver sustainability - solutions that make sense for everyone. We focus on this together with our professional partners. Together with our committed workforce, I am convinced:

wedi is going in the right direction.

A handwritten signature in blue ink, appearing to read 'Stephan Wedi'.

Regards Stephan Wedi.





Sustainable building: Significance and Necessity.



Common Goals.

Let's think outside the box together. Whether it be a private property or commercial property, sustainable building combines the interests of all involved under economical, environmental and social aspects.

The goal of sustainable building is to fulfil the intention of the building contractor and the needs of the users to the greatest possible extent while, at the same time, reducing the effects on the environment as much as possible.

The Decisive Questions.

Wouldn't it make sense to take not only the building costs but also the running costs of a bathroom over its entire lifetime into consideration? How can the service lives of the materials used be extended? Does the wellbeing of the tradesman and every other market partner not also count for something and not just that of the user? How can the effects on the environment be minimised during building work?

Sustainable building thinks long-term, plans comprehensively and caters for the reconciliation of interests.



We all spend on average roughly 90% of our lives in buildings. In order to be sustainably used, these buildings need to be built in such a way as to meet the demands for which the building is to be used and to allow ease of access for people of all ages.

A Big Wheel.

In the region of 40% of greenhouse gas emissions and 30% of all resources used are related to the buildings sector. Building is one of the decisive factors in order to combat ever decreasing resources in a world with an ever increasing population with relevant and better solutions.

wedi develops practical solutions.

Sustainable building is an important step. When the goals and wishes of the building contractor are defined, the planners and tradesmen can begin to realise optimum solutions with their foresight and practical experience. wedi provides its market partners with the right products and valuable support to help them make this happen.

Sustainability fundamentals at wedi.



People are the focus.

Whoever is thinking sustainably has the future of their customers and partners as their focus. wedi is the reliable partner for the people that accompany us each and every day. It is for this reason that wedi actively fosters their long-term success.

When wedi's partners are successful, this means that the basis is created for wedi to be successful long into the future.

Ideas for better solutions.

Commitment and the spirit of innovation are what define our business. These characteristics led to the wedi building board becoming the generic term for such components within the construction industry. We help to shape a positive future for our customers' customers as well as developing and expanding markets.

We at wedi understand our responsibility as the market leader and we carefully prepare before introducing new developments.

We build a future worth living.



ENVIRONMENTAL SENSE
COMMERCIAL SUCCESS
SOCIAL RESPONSIBILITY

We will show you how wedi addresses the three general topic areas related to sustainability in the following pages.

Realising sustainable buildings together.

Sustainable building more than ever before requires a networked working structure. wedi can offer its market partners all the right reasons for them to choose wedi as their partner: such as unlimited design possibilities for age-appropriate and compliant usage, practical planning tools, health-friendly working practices on the building site and unsurpassed long-term durability of the materials.

Successful for many reasons.

We meet the high expectations of our customers with solutions which take commercial success, environmental sense and social responsibility into equal consideration. The protection of the environment and the world's natural resources is the basis for sustainable business development. wedi justifies the trust shown in it with the reliability and trustworthiness which it demonstrates anew each and every day.

Ecology.

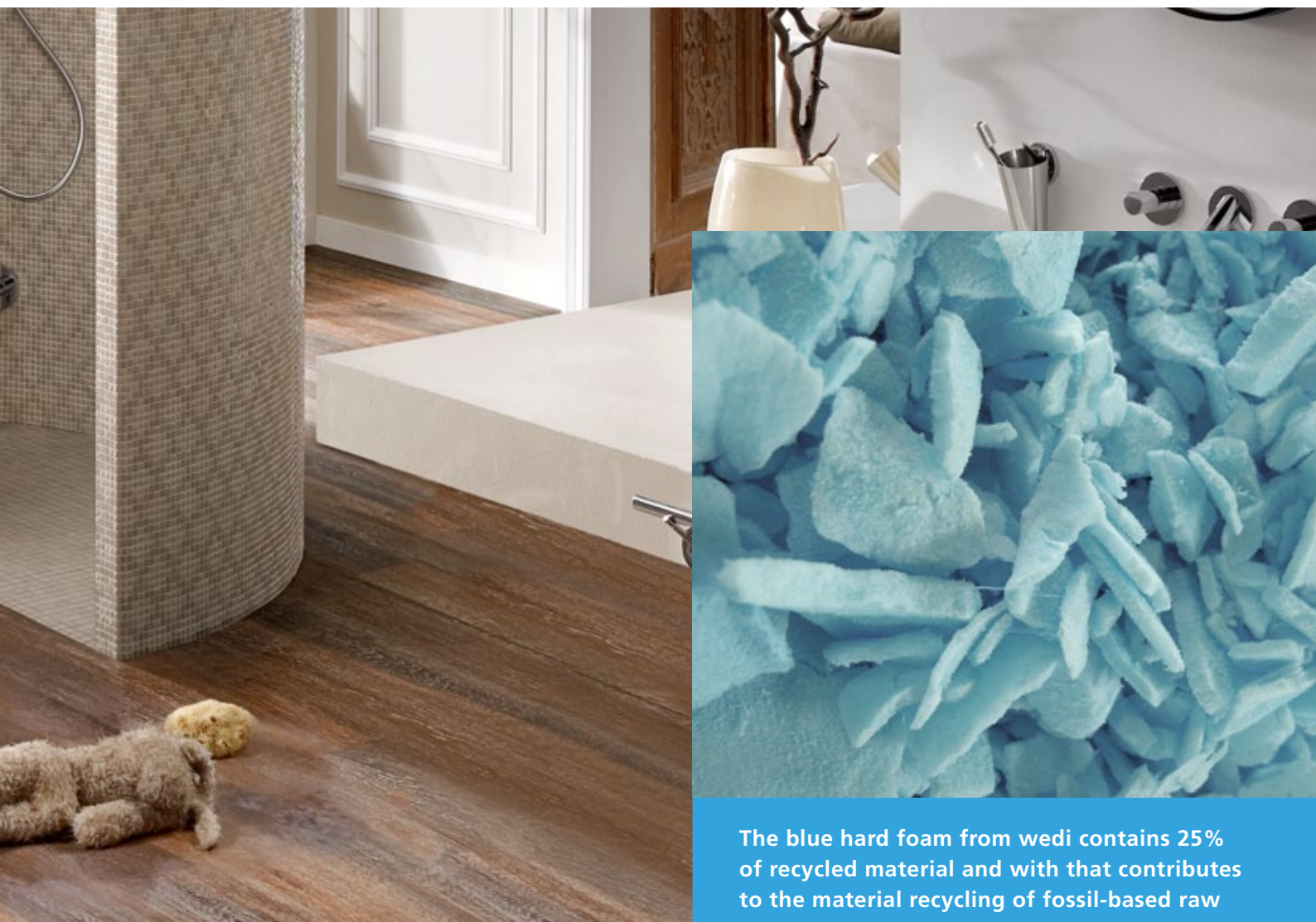


The effect in buildings.

Building materials have an effect in buildings for decades meaning that the choice of material should be given careful consideration. The basic building blocks of wedi products already have their own EPDs (Environmental Product Declaration) now: the XPS foam core, the cement surfaces and the glass fibre reinforcement.

Environmental Product Declarations show a product's environmental footprint and help planners and builders to make an informed and sensible product choice. In terms of energy aspects, wedi products contribute very positively to a building's insulation from the inside.

As a building material brand, wedi takes responsibility for the production and in thousands of buildings.



The blue hard foam from wedi contains 25% of recycled material and with that contributes to the material recycling of fossil-based raw materials.

Ecology and Production.

wedi is also highly committed to the protection of the environment during production. It has now been many years since wedi stopped using environmentally damaging halogenides as the propellant agent for XPS hard foam replacing it with an environmentally-friendly alternative.

As a result of the continuous improvement of the entire heating and compression system, 135,000 kW h are saved annually.

Since January 2013, wedi has completely changed over to green energy which is produced from 100% renewable sources.

The green energy product has received the prestigious German ok-power-label. This change-over is the logical consequence of our commitment to the environment.



Economics.



Sustained Success.

Lean management has been self-evident for wedi in order for the company to stay competitive for many years now. As part of its lean management, wedi has optimised both its production and logistics processes and our employees also play an active role in this. A fundamental aspect is to offer innovative products and services which at the same time reduce the burden on the environment. The continuity of our company and management culture is acknowledged and rewarded by our market partners with their trust and loyalty to our brand and by our employees with their outstanding loyalty to our company.

Sustainability Long into the Future.

Success is the result of business foresight. Our research and development team is already searching today for the alternative renewable raw materials of tomorrow so as to be able to offer a commercially-viable answer to the foreseeable shortages of fossil-based raw materials in the future. We always look at product innovations from a sustainable perspective.

Lean Management and optimised production processes result in a reduction in the resources used as well as energy efficiency.



wedi's overall energy consumption over the last four years has fallen continuously despite significant increases in production levels.

Cycles and Correlations.

Thanks to the complete exchanging of the lighting in our production facilities we were able to record appreciable cost savings while also reducing our CO₂ emissions by over 40%.

We carefully and exactly separate our production waste and reintroduce these materials into new material life-cycles with the help of certified waste disposal partners.

Hard-foam cut-offs which are returned for recycling are pressed and compacted and as a result reduce our waste-disposal costs and the burden on the environment because the reduced volume means less journeys need to be made by waste-disposal vehicles.



Social Responsibility.



wedi integrates.

wedi places a lot of emphasis on the social integration of disadvantaged and underprivileged people in our community and surroundings. We employ people with disabilities and it is extremely important to us that the work which they have done is properly acknowledged and appreciated. It is now something self-evident for us that while we are constantly looking to the future, we cannot forget to take a look around us in the here and now.

Donating, helping, wedicef.

Since 2001 wedi employees have been living their very own wonderful idea which fosters the social commitment among the staff. Since that time, numerous activities have grown and spread beyond wedi to our customers and partners and every year a social project benefitting children and young people, mostly in our region, is supported. wedi is proud of the social commitment shown by its employees and is particularly pleased about the clever and friendly name: wedicef.

wedi successfully combines international markets with local commitment.



50 wedi currently sponsors 50 different clubs, associations and institutions.

wedi supports sport, culture and tradition.

wedi is very closely connected to its community and surroundings. We support local sports clubs and associations in their predominantly voluntary work. Cultural projects are also important to us as is the nurturing of valued traditions.



“Building a future with wedi.”

You can rely on wedi.

Growth is the best antidote to employees’ worries about their jobs. wedi has been growing continuously for many years internationally and even got around to significantly increasing the efficiency of all its processes while doing so. The high degree of identification that our employees show with the company shows that their needs have never been lost sight of during this time.

wedi provides for safety.

Safety at work is just as important for wedi. Each employee receives their own individually adapted safety equipment corresponding to their specific job and the tasks which this entails. In order to avoid the unpopular blue light on the factory grounds, all forklifts were fitted with blue ground headlights for signalling purposes. This was a suggestion from the wedi team.

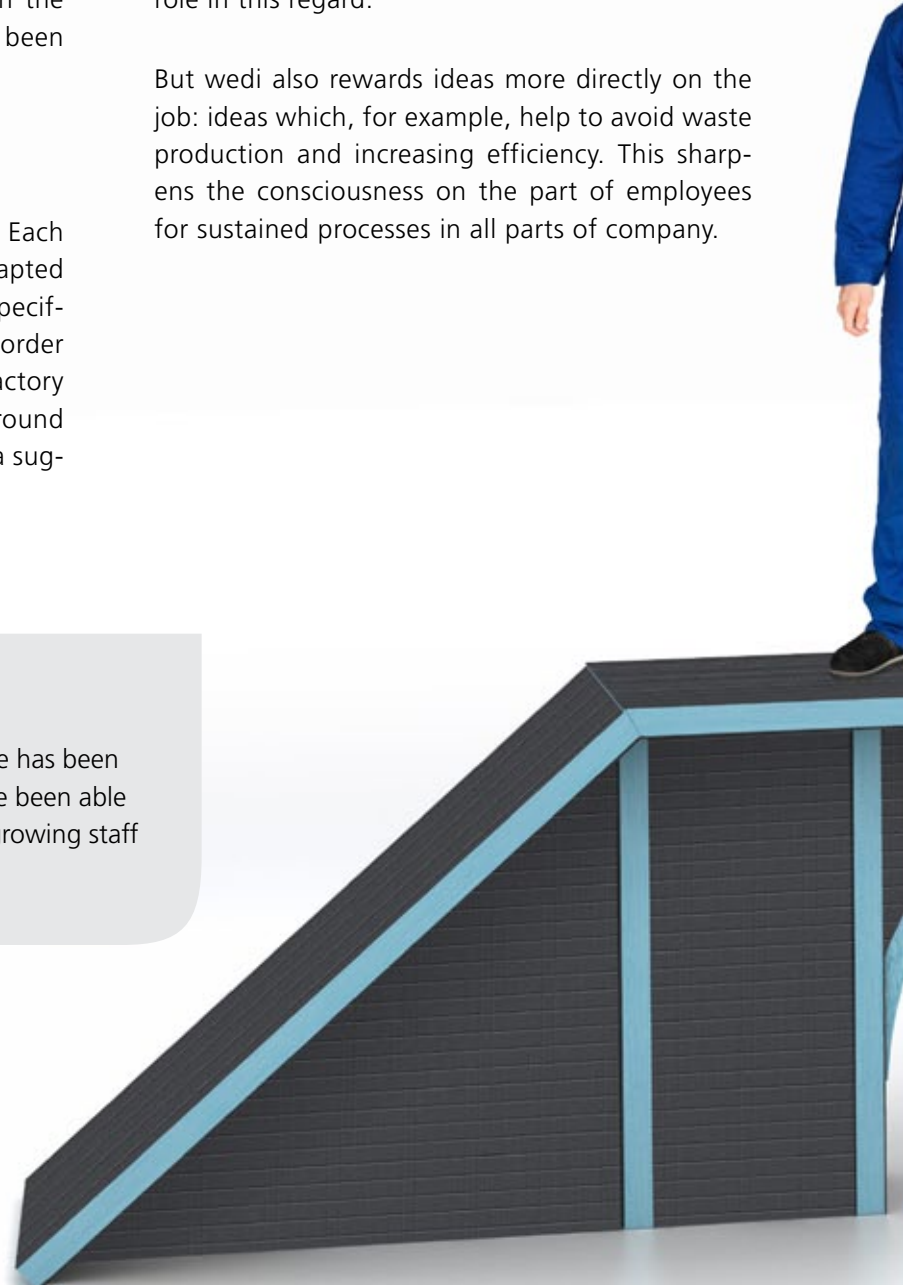
wedi motivates.

Many career opportunities are open to wedi employees. wedi offers its employees through individual support and further training the opportunity to enjoy personal success. The exchange with international subsidiaries also plays an important role in this regard.

But wedi also rewards ideas more directly on the job: ideas which, for example, help to avoid waste production and increasing efficiency. This sharpens the consciousness on the part of employees for sustained processes in all parts of company.

A Proud Number: 8 Years!

The current average length of time an employee has been working with us is 8 years - and rising! We have been able as a growing company and a company with a growing staff to tie our employees to the company.



Sustainability aspects for **wedi employees.**



wedi cares.

wedi of course also offers apprenticeships and training and takes steps to secure its own future. wedi accepts its responsibilities as an employer and sets itself the goal of also offering full-time employment to all of its apprentices and trainees. Thanks to the flexible models in place, wedi makes it possible for its employees to combine family and career.

A further example of the practical steps taken by wedi to support its employees is the help and advice made available to those employees who need to care for a relative at home.

“wedi is not just good for your conscience.”

Sustainability means more than just saving.

Of course, when building contractors think about sustainable building, the terms energy efficiency, water savings, heating-cost reductions or reduced environmental burden are what most think of off-the-cuff. These are important topics obviously, but they don't exactly contain very much living feeling or quality-of-life aspects.

wedi lasts – for decades.

Elegantly designed bathrooms whose excellent quality transcend generations is the best possible way to ensure that the materials used will be used for a very, very long time. The perfect substructures which wedi makes possible provide the fundamental basic requirement for this and create enduring value as a result. wedi is also the leader when it comes to floor-level shower systems which wonderfully combine timeless beauty with the most efficient functionality. This offers the highest flexibility when designing individualised and barrier-free bathrooms.



Sustainability aspects for **building constructors.**

wedi helps to prevent mould.

Crucial to this is the absolute water-tightness and form stability of the wedi products. This ensures that no water can soak into the substructure which could otherwise provide a fertile breeding ground for mould and therefore entirely eliminating any danger of mould developing. The perfectly finished surfaces on wedi products also make it far easier to maintain high hygienic standards. These are particularly important factors to be considered in public buildings and amenities as well as in hotels.

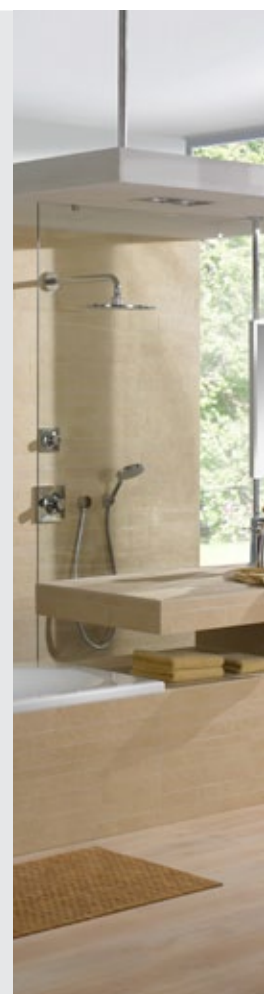
wedi - flexible like life itself.

Even the most farsighted planning can hit its limits when the unexpected happens. wedi makes it possible to make subsequent changes in existing bathrooms with little effort. The flexible wedi building board allows new partitions, wash basins and shelf systems to be easily installed and so enrich wet rooms. For us this also means sustainable quality-of-life each and every day!

The blue wedi XPS hard foam core meets all the highest European standards for air quality. wedi allows building planners and owners to specifically use products without compromising the air quality in the room in any way.



The CE mark demonstrates that the wedi products have been tested and certified as sealing system for wet rooms. The Deutsches Institut für Bautechnik (DIBt) [German Institute for Construction Technology] confirms that wedi building board/Fundo sealing system fully and completely meets the requirements set out in the EU directives.



“On the way to success with skilled craftsmanship.”

wedi convinces, wedi excites.

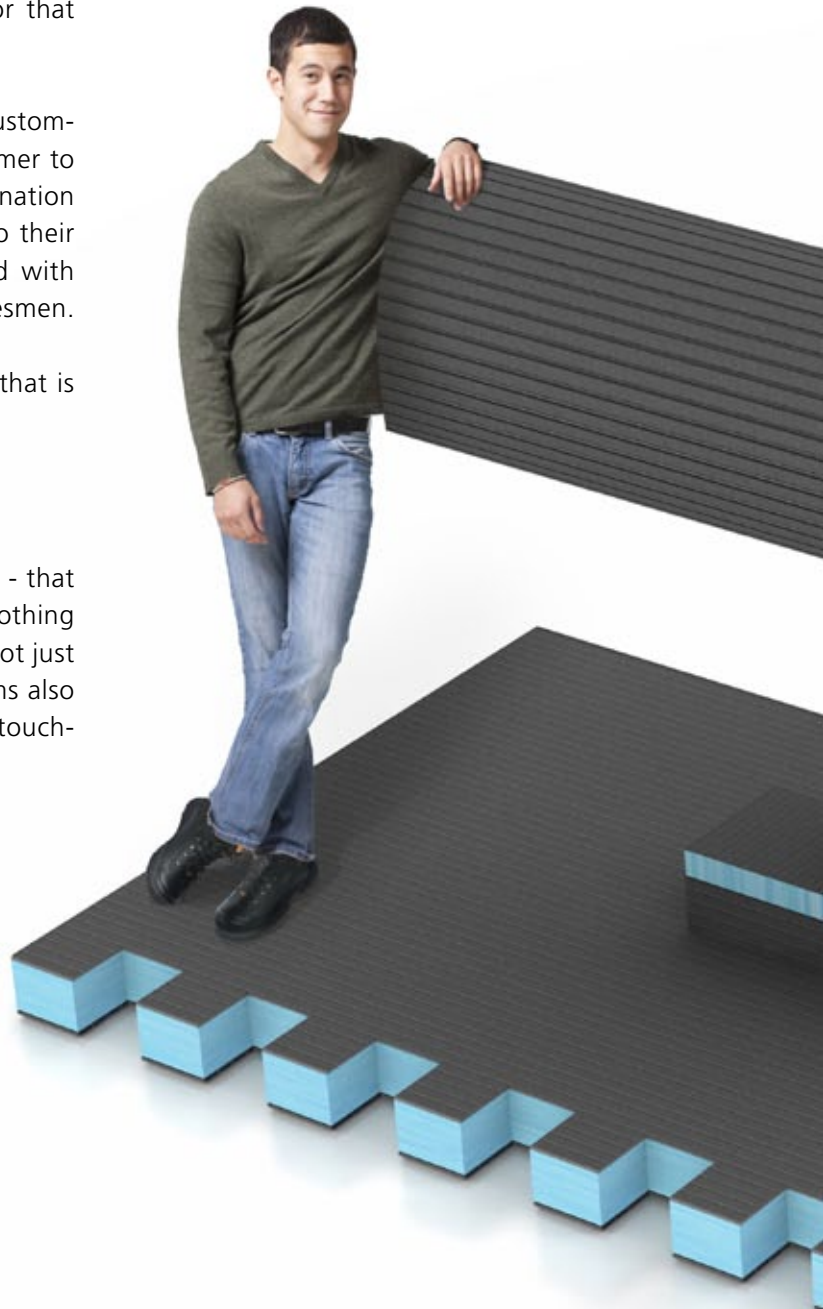
wedi has had a close business relationship with its tradesmen partners for over 30 years now. The joint success is the convincing solution for the building contractor that continues to pay dividends long into the future.

Whoever builds with wedi will have very happy customers! This is because wedi products allow the customer to design their wet room as individually as their imagination will allow: bathrooms to fall in love with thanks to their timeless designs in generous formats and created with the utmost skill and precision by highly skilled tradesmen.

A dream bathroom that you just can't part with - that is sustainability at its most convincing.

wedi quality is a certainty.

Practically indestructible and absolutely water-tight - that is wedi quality thanks to the XPS hard foam core. Nothing swells or secretly rots hidden behind the wall. It is not just a good feeling to know, using wedi product systems also helps to avoid complaints and the necessity for any touch-up work to be carried out.



Sustainability aspects for those building with wedi.

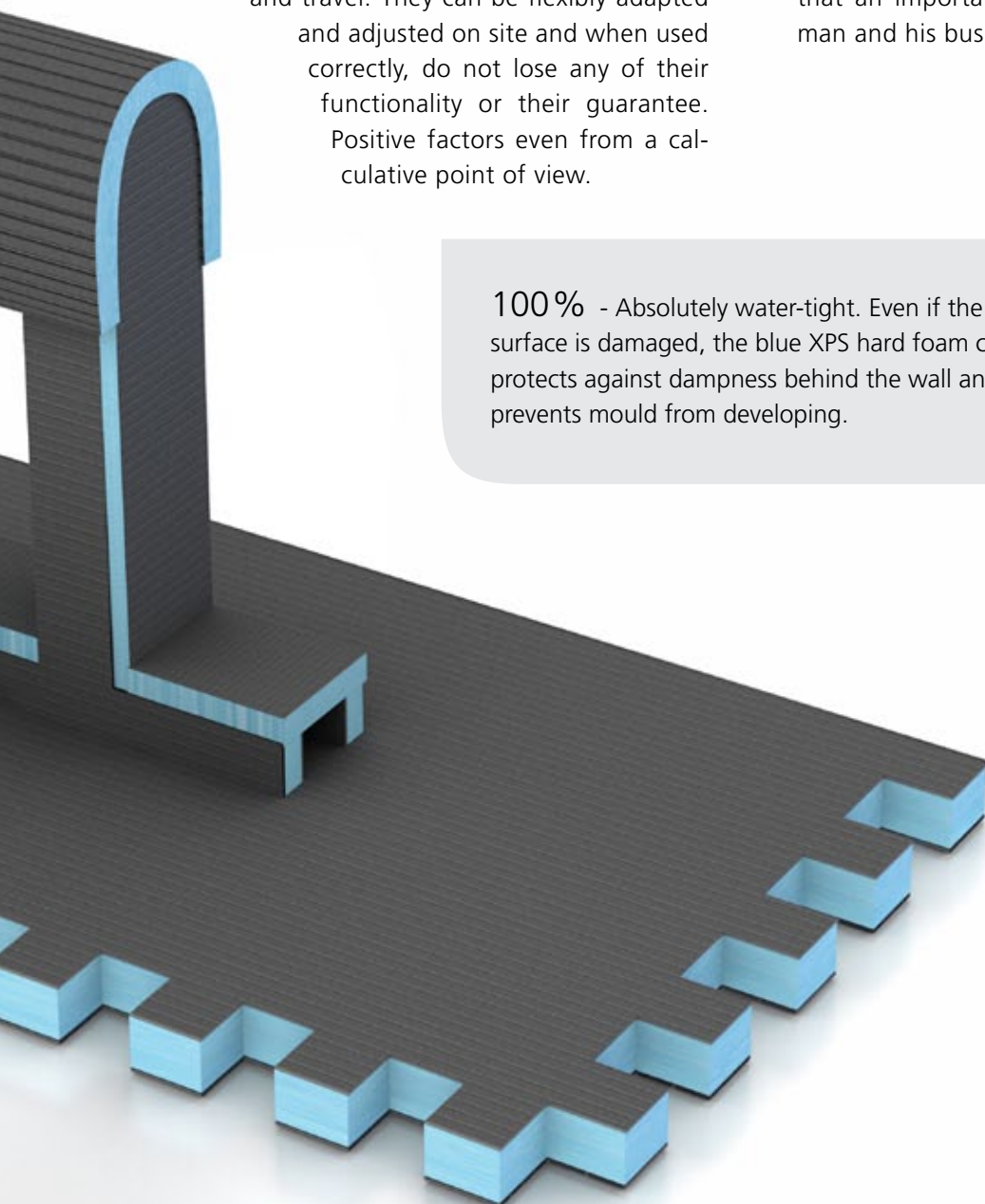
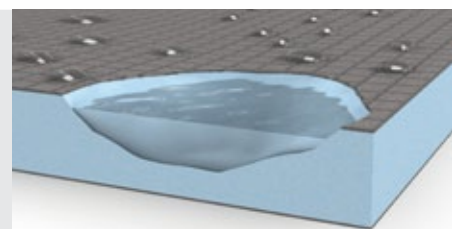
wedi saves time and travel.

What good are the most „sustainable“ products if they don't stand the test when it comes to the calculations? They're not even actually sustainable at all because they are never actually used! wedi products can't be beaten when it comes to how easy they are to work with and use. They are light, easy to install and can be ready to reuse again in a very short amount of time. That saves time and travel. They can be flexibly adapted and adjusted on site and when used correctly, do not lose any of their functionality or their guarantee. Positive factors even from a calculative point of view.

wedi doesn't take things lightly.

The health of those working with our products is important to us here at wedi! wedi products mean no tiring hauling to upper floors. No lifting and working on heavy planks over head. wedi products are light and easy on your back. In addition to their weight advantages, wedi products also produce very little dust when worked on. This is good for the wedi partner on the building site and with that an important success factor for the tradesman and his business.

100% - Absolutely water-tight. Even if the surface is damaged, the blue XPS hard foam core protects against dampness behind the wall and prevents mould from developing.



“It’s great when you have the best arguments.”

No experiments.

wedi solutions pass the practical test day in and day out. wedi products have become a synonym for the very highest quality and standards and this can be documented with the corresponding test certificates from construction supervisory authorities, the test seal for air quality or credible data on renovations carried out with wedi systems resulting in greater energy efficiency.

wedi is the quintessential solution for building contractors that are not willing to accept just average, but who also do not like experiments. The most stringent quality standards guarantee form stability and dimensional accuracy. Perfect results for customers which are constantly being sought after and avoid hassle.

Everyone can build more sustainably.

wedi is always a good recommendation for solutions which can also actually be realised. This is because sustainable progress in our opinion does not result from elite projects where the budget is no object. Sustainable progress is made in the wide variety of everyday, run-of-mill projects in which as many people as possible have their wishes fulfilled and which they will enjoy for a long time to come.

Still good arguments today.

When it comes to reliability, on-time delivery and consistent quality, you need look no further than wedi. wedi delivers fast thanks to its optimised production processes at a single production location and its highly intelligent and efficient logistics. Our prominent market position and strong international partners guarantee our customers the same high quality at all times and guarantee that practically all product returns can be avoided.



Thanks to the harmonisation of European testing guidelines introduced on 1.9.2013, wedi products can carry the CE mark.



Sustainability aspects for **specialist retailers.**

Good when someone knows what they're talking about.

The market rewards a good idea over the long-term. The wedi Fundo Plano was rewarded over the short-term as well. That's because the installation solution for floor-level showers which was the flattest of its kind at the time it came on the market has today become a classic and a guarantee for success. Was it luck? We call it being close to and knowing your market as well as accurately gauging the chances in older and more modern buildings in which our customers then place their trust.

100% Every single individually created wedi design element which has been made-to-measure for the customer is completely assembled prior to being shipped out in order to check the specific deliveries completeness and functionality. This eliminates any chance of delays on the building site, of unaccounted for costs from arising and any unnecessary journeys.



“Who plans green, thinks blue.”

Unlimited design freedom.

The level of expectation on spa facilities and relaxation areas continues to grow all the time. Planners combine innovative functionality with a touch of extravagance and put their trust in the professional products and support from wedi.

wedi is involved in the process from the very beginning; from the idea, to planning the details and all the way through to the realisation and completion. This opens up brand new possibilities in relation to the design and selection of materials which captivate and enthuse with their functionality and durability over the entire lifetime of the building.

The bottom line: economical.

wedi combines many aspects of sustainable building such as the most limited VOC emission levels in internal areas, very limited cleaning and care requirements for the surfaces with the use of chemical agents being kept to an absolute minimum, safety without tripping hazards and of course energy efficiency thanks to effective heat insulation.

That can result on the one hand in very significant savings in running costs due to the reduced volume of resources used to run the building. On the other hand, wedi systems offer the chance during the building phase to drastically reduce the amount of time needed for the project as well as the calculated costs through perfect handling.



Sustainability aspects for **planners.**



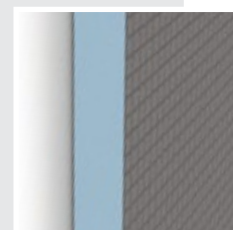
Energy-Related Renovation in Older Buildings.

Sustainable renovation starts in the wet room because of the diverse potential energy savings which can be realised there all at the same time. Heating and warm water solutions can often be combined. The insulation also plays a decisive role.

The special possibilities which the wedi energy concept offers are to give people a greater quality of life within a commercially viable framework while, at the same time, also relieving the burden on the environment through saving resources - without the need for expensive and time-consuming renovation of the façades

A Convincing Example.

The installation of wedi building boards (20mm) on the external walls of the bathroom (plaster/sand-lime brick) reduce the transmission heat losses by as much as 50% and as a result reduce heating costs.





Guaranteed
water-proof



Suitable for all tiles



Integrity thanks to
complete system



Absolutely
made-to-measure



High stability



Lightweight



Protection against
mould and fungus



Over 30 years of
practical experience



Energetically
thermally-insulating



CO₂ (GWP 1)
Foamed XPS

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