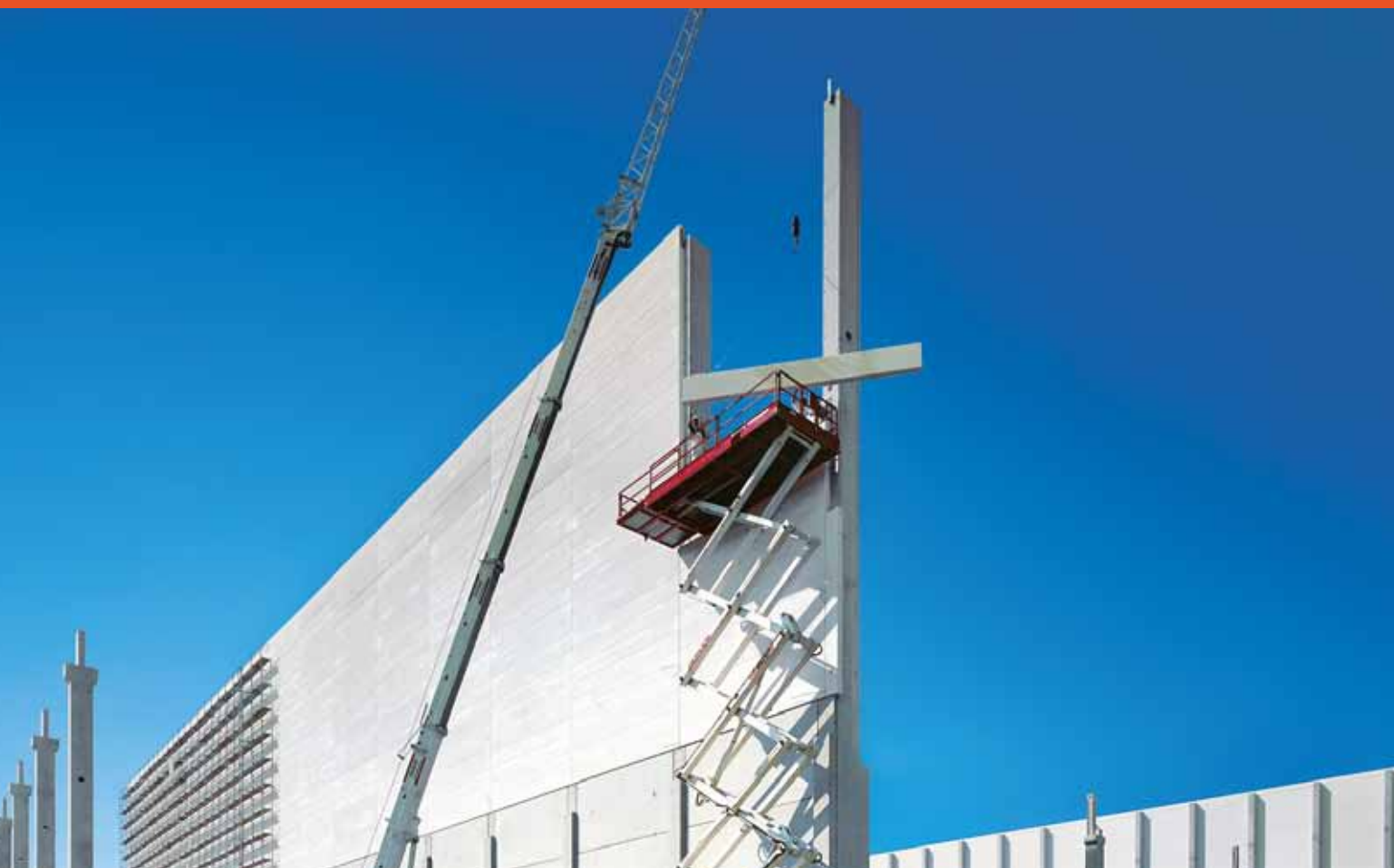


Xella: the better way to build with HEBEL AAC.



 hebel[®]



HEBEL AAC

HEBEL offers modular systems made from autoclaved aerated concrete (AAC), making the building process safer and faster. No matter what the project; storage, hospitality, production, multi-family, educational, or logistic structures, HEBEL AAC is the best solution available in the market today.

Specializing in pre-engineered elements, HEBEL offers panels and blocks for use in load-bearing and non-load-bearing applications. These panels can be effectively used for wall, floor and roof construction, as well as site and sound walls.

Since our blocks and panels are prefabricated under controlled plant conditions, precision allows structures to be assembled safely and efficiently at the construction site. The use of pre-engineered elements results in less manpower, less debris generated during the construction process and an accelerated schedule.

With the expertise of that HEBEL brand that has developed over decades, HEBEL AAC is well established in the international construction industry with a proven record for innovative and flexible building solutions.

Those who build using HEBEL AAC demand high quality and reliable building materials. The combination of cost-effectiveness and safe construction pays off from the very beginning.



**The highest
fire rating in
the industry.**



Safety built-in:

Our guiding principle is safety and with any building, the issue of protecting the contents of that structure, whether it be your material goods or your people, is of enormous value.

HEBEL building systems have the highest fire rating in the industry, which means that we ensure the highest level of fire safety. Risk management begins as soon as a project is conceived. HEBEL AAC offers the essential "plus factor" in terms of safety, especially in preventing the spread of fire. The use of HEBEL panels as cladding over structural steel is used world-wide by major international manufacturers and distributors to protect their investment from fire damage.

At only 4" thick, HEBEL products have a 4 hour UL fire rating. Due to the macro pore structure, flame, smoke and toxic fumes are contained and not allowed to spread. HEBEL AAC is lightweight, approximately 1/4 the weight of conventional concrete. The cellular structure formed by the air trapped within the concrete during manufacturing, acts as an insulator that diffuses heat transfer.



Insulation and adaptability - for all seasons:

HEBEL AAC provides protection against summer heat, as well as excellent insulation against the cold of winter - saving on heating and cooling costs. The solid building products of HEBEL AAC also provide better protection against forced entry than lightweight construction, protecting valuable inventory.

HEBEL AAC panels and blocks are cost effective, efficient, and simpler than any other comparable material – and this efficiency begins early in the planning stages of a project. The standard dimensions of the panels and blocks actually facilitate the building process, offering a true advantage for commercial projects. HEBEL AAC's reliability makes projects run simply and efficiently from conception through construction, translating into quality and time savings.

HEBEL AAC products are incredibly efficient in the construction of shaft walls, demising walls, trash chutes or electrical vaults, leading to quicker installation, reduced inspections and reduced risk to mold exposure. Using HEBEL AAC allows for shaft construction before dry-in, taking these elements out of the project's critical path. All of these benefits combined with superior fire protection at a very competitive cost.

The benefits of HEBEL AAC:

Features:

Fireproof: The perfect solution for fire safety, our product is noncombustible and offers up to 4 hours of protection against fires - the highest fire rating in the industry.

Energy Saving: Our thermal insulation properties can significantly reduce heating and cooling costs.

Sustainable: Our products are often recognized among the most environmentally sustainable building materials available. We combine lower materials and energy usage in manufacturing, with a range of environmental benefits.

Recyclable: By-products of AAC production, including hardened AAC waste and unhardened AAC mixture, are recycled back into the production process.

Breathable: Our products breathe, allowing the diffusion of moisture vapor which helps moderate moisture levels within a building by automatically absorbing and releasing moisture.

Non-Toxic: The finished product is completely natural, environmentally friendly and non-toxic.

Let Xella build your business:

Xella's HEBEL AAC offers a wide array of benefits. If quality, safety and efficiency are important to you, let us help you build – your project and your business – with our unmatched products!

Benefits:

Lightweight: HEBEL AAC is approximately 1/4 the weight of traditional concrete, saving freight and construction costs.

Precision: An established quality control program and stringent production tolerances, allow builders to save during finishing and achieve optimal structural performance.

Durable: Structures made with HEBEL AAC are durable and will not degrade under normal atmospheric conditions.

Quickly-Installed: The lightweight nature and excellent workability of HEBEL AAC makes it extremely quick to install on-site.

Easily-Worked: Our products can be sawn, drilled, and nailed using normal wood working tools, greatly increasing on-site productivity and creativity.

Versatile: Completely versatile, our products can be cut to any shape or angle, for use in a wide range of construction applications. From blocks for constructing load-bearing and non-bearing walls, roof, wall and floor panels, to site and sound walls.

Many of our clients are major US and European corporations, including:

- Daimler-Chrysler
- Volkswagen
- Ford
- Bridgestone
- IKEA
- Honda
- Dow Chemicals
- BMW
- Adidas

**At Xella, our mission is
to serve our customers
with performance, safety
and trust.**



Our goal is, quite simply, to reshape the construction process - with new and innovative solutions. We have developed simple, complete, project-oriented solutions for the building industry.

Xella is the world's largest manufacturer of autoclaved aerated concrete (AAC). AAC is on the vanguard of building materials. Among its many benefits, it is produced from natural raw materials in an environmentally friendly manner. With products like our HEBEL branded AAC, Xella continues to lead the industry with our pioneering vision.

State-of-the-art construction should be economical, efficient and customer-oriented. Xella delivers these goals to our partners, including Planners, Project Developers, Builders and Investors - with the support and strength that our vast experience brings.

A history of quality:

Autoclaved aerated concrete was developed in Sweden in the late 1920s by Johan Axel Eriksson. A lack of wood, caused by forest decimation during the Second World War, created a need for an alternative building material. Eriksson's search required a highly-versatile material with excellent thermal insulation, solid structure and workability - the advantages of wood, but without the disadvantages - such as combustibility, termite damage and decay. The result has stood the test of time and has proven its durability in an international marketplace.

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