

Building materials that go through the fire for you.



 hebel<sup>®</sup>



**Thanks to its unique properties, HEBEL AAC keeps people and property safe – even in the event of a fire.**

## **What is HEBEL AAC?**

HEBEL AAC is a both a masonry and steel reinforced precast product made of sand, cement, lime, water and a rising agent. All raw materials are naturally found worldwide, in abundant quantities. AAC was developed in Sweden during the 1920s, and has since become a preferred building material in Europe and Asia. Gaining familiarity in the United States, the macro pore structure of AAC forms a lightweight material, approximately 1/4 the weight of conventional concrete.

During the manufacturing process, HEBEL AAC is autoclaved and aerated forming macroscopic voids which contribute to the material's unique ability to diffuse heat transfer. This offers a wide variety of building applications, including load-bearing structural systems, industrial storage, fire separation, shaft walls and demising walls. AAC can be formed to accommodate any design and is ideal for all buildings, including industrial facilities, commercial structures, hotels, schools and homes.

HEBEL AAC is available in factory-cut blocks, panels, and special elements. The HEBEL AAC block for demising and shaft walls come in a range of 3" to 12" thick by 8" high and 24" long. Special shapes, such as U-block are also available. The HEBEL AAC panel dimensions for industrial fire separation walls, fastened to a red steel frame, are 6" or 8" thick, by 2' high and up to 20' long. The impressive range of features and benefits of HEBEL AAC consist of economical and aesthetical versatility, and an excellent choice as a sustainable building material.





## Safety and security – HEBEL is the solution

When you use HEBEL AAC, safety is built-in. With the highest fire rating in the industry, our building systems offer the best fire safety available. Your risk management begins when your project does; fire, and other hazards are significantly reduced with our product. It's no wonder, HEBEL's horizontal fire walls are used world-wide by major international manufacturers and distributors to protect their investments.

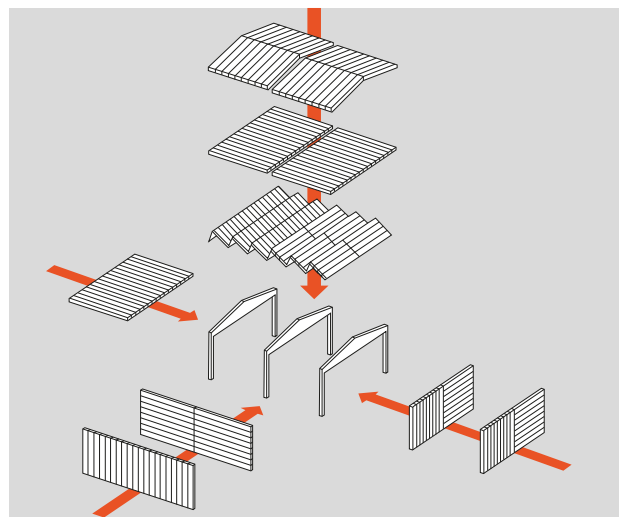
HEBEL AAC has proven to remain fully intact and withstand the stress of fire for up to 4 hours without any impairment to its stability. Because of our unique thermal insulation properties, walls built with HEBEL AAC can protect against fire and heat for much longer than walls made from ordinary concrete. Even under intense heat, HEBEL AAC remains tightly sealed against smoke and gas, emitting no toxic fumes.

Due to the solid material which seals off not only flames and smoke but heat, HEBEL AAC can withstand fire on one side while maintaining low temperatures on the other side. When the walls of your structure are constructed with HEBEL AAC, the people and property inside are protected. In addition, any flammable materials inside your structure are protected from dangerous heat.

## Xella brings HEBEL to you!

With the world-wide launch of the HEBEL brand, Xella Aircrete North America is a strong partner to help implement your industrial construction project. We are the right choice for any company looking for quality, efficiency and efficacy.

Xella Aircrete North America brings you simple, packaged solutions for all your building needs. Call us and see how we can improve your next construction project.



**In a structure fire,  
time is more than money,  
ask any firefighter.**

## **Durability and dependability that's HEBEL AAC**

When it comes to securing buildings against fires, HEBEL autoclaved aerated concrete is the solution of choice for a large and growing number of builders. Millions of satisfied customers world-wide trust the HEBEL brand.

Resistant to moisture and mold, HEBEL AAC is also impervious to water damage during construction. Even after construction is complete, HEBEL is still paying for itself through heating and air conditioning savings, air quality and building life cycle costs. Cost-effective and multi-functional, HEBEL AAC is simply the perfect solution for roofs and walls of every variety.

In the event of a fire or an explosion either from the inside or the outside, HEBEL AAC helps protect a building by preventing flying debris from scattering and damaging walls and roofs. HEBEL AAC also prevents flames from escaping through roofs and endangering nearby homes and other structures, preventing incidental collateral damage.





## Build with Safety and Speed in Mind - Build with HEBEL AAC



**While fires can never be ruled out completely, HEBEL AAC helps lower your risk with efficient, effective fire protection.**

## Are you meeting the demands of the market?

Today, the demands on all types of commercial construction projects are growing. Insurance premiums have risen steadily in recent years, particularly for building owners specializing in large-scale retail distribution centers and warehouses. It is critical to incorporate building materials which reduce the risk and exposure of fire related damage and loss. Ensure the safety of your building by utilizing materials with inherent fire resistant properties.

HEBEL Autoclaved Aerated Concrete (AAC) provides peace of mind for your safety-conscience builders and clients. Our non-flammable building products can be used for wall, floor and roof applications, as well as interior wall sections within your building for maximum fire separation. Lightweight and designed for ease of construction, HEBEL AAC allows for the installation of shafts and demising walls before dry-in takes place.

HEBEL AAC offers intelligent solutions for the creation of building designs which meet more stringent safety requirements from the latest building codes. In combination with sprinkler systems and proper arrangement of separation walls, HEBEL AAC provides an efficient material to prevent the spread of fires, reducing inspection delays and potential costly insurance premiums.

Xella Aircrete North America, Inc  
San Antonio Office  
900 Schneider Dr.  
Cibolo, Texas 78108  
Ph. (210)402-3223  
Fax. 210/ 402-6390

1 888 SA XELLA (72 93552)

email: [hebel-usa@xella.com](mailto:hebel-usa@xella.com)

For your nearest distributor of Hebel  
Products visit our website:  
[www.hebel-usa.com](http://www.hebel-usa.com)



Authorized Distributor