

Stucanet® lath



The solution for perfectly finished and durable plasterwork

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The solution for perfect and durable plasterwork and rendering



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The ideal lath for perfect plasterwork in interior and exterior applications

Looking for the ideal lath for perfect plasterwork and rendering, in interior and exterior applications? Then Bekaert Stucanet® is the solution.

Stucanet® is a panel made from a galvanised or stainless steel welded wire mesh into which a moisture absorbent sheet of chip paper is interwoven. The chip paper assists with the wet adhesion and curing of the mortar and the perforations allow the mortar to perfectly bond around the steel wires, resulting in firm anchoring of the mortar.

Stucanet® is suitable for all types of plasterwork and rendering, in interior and exterior applications: gypsum, lime, lime-cement and cement mortars can be used. The plaster or render can be applied manually by hand and also by mechanical mortar spray techniques.

Stucanet® is easy to install, and can be used on solid substrates and on supporting structures such as timber or metal frame profiles.



“Bekaert Stucanet® accommodates very specific finishing and shape requirements, so that the result obtained fully meets the customer’s requirements.

François Kiehn, Account manager Bekaert

Picture: Musée du Quai Branly in Paris, France

Quick and easy installation on every substrate or supporting structure

Bekaert® Stucanet is easy to process and can be used in a wide variety of applications.

Flexible panels for convenient use

Stucanet® panels are light and flexible, and therefore easy to move, also on hard-to-reach areas, e.g. ceilings. Furthermore, Stucanet® is easy to cut, bend and fix, thereby ensuring smooth and fast processing.

Both on level substrates and on supporting structures

Stucanet® is easy to install, both on solid substrates, e.g. of masonry or concrete, and on supporting structures, e.g. of timber frame or metal profiles, using commercially available plugs, screws, hooks or clips.

Both manual and mechanical plastering

Stucanet® can be plastered and rendered both manually by hand application or mechanically using spray techniques. Typically, a total layer thickness of 20 mm is used. For more specific information please refer to the plaster or render manufacturers' recommendations.



Quick and easy installation of Bekaert Stucanet® on wooden beams.



Bekaert Stucanet® panels are extremely flexible and easy to install on metal profiles.



Mounting of Bekaert Stucanet® on a concrete substrate.



“ The combination of Knauf gypsum plasters and Bekaert Stucanet[®] guarantees the most durable ceiling system with virtually unlimited design possibilities.

Raf De Haes, Product Manager Plasters, Knauf Belgium

Picture: City hall in Koksijde, Belgium

The solution for perfect and durable plasterwork and rendering

Bekaert Stucanet® allows for perfectly finished and durable plasterwork and rendering in variety of applications.

Extremely light and strong

Bekaert Stucanet® is both light (typically 1 to 1.5 kg/m², depending on the type) and strong. The panels are made up of welded low carbon steel wires with outstanding tensile strength and zinc protection (alternatively, Stucanet® is also available in stainless steel).

Excellent bonding thanks to perforations

The perforations in the moisture absorbent chip paper allow optimal bonding of the mortar around the steel wires, thereby ensuring excellent mechanical anchoring.

Durable, also in exterior applications

In exterior applications, Stucanet® is less sensitive to thermal expansion and temperature variations than expanded metal lathing, thanks to its wire structure.

It offers better protection against tears and cracks in facade and exterior plasterwork in general.



The bonding of the mortar around the steel wires ensures firm anchoring.



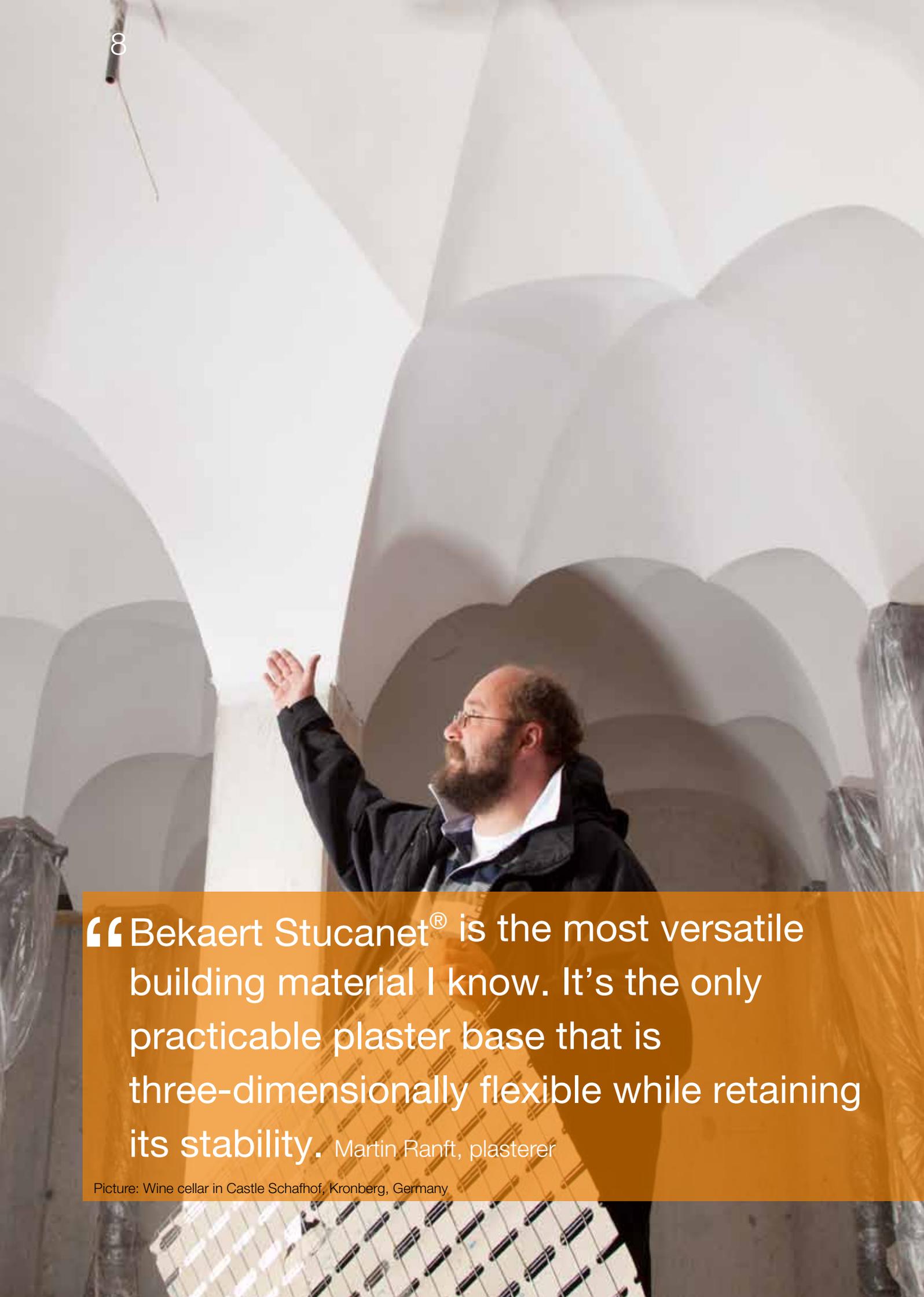
The substrate in renovation projects often consists of a mix of different building materials. Bekaert Stucanet® allows the durable renovation and plastering of this type of difficult walls.



Bekaert Stucanet® as mortar support in a facade insulation system, mounted on metal Bekaert Poutrafil® profiles.



Bekaert Stucanet® applied in a facade renovation project with exterior plasterwork.



“Bekaert Stucanet® is the most versatile building material I know. It’s the only practicable plaster base that is three-dimensionally flexible while retaining its stability.” Martin Ranft, plasterer

Picture: Wine cellar in Castle Schafhof, Kronberg, Germany

New architectural and artistic freedom for plasterwork

Bekaert Stucanet® enhances the creative design of plasterwork and rendering, for both interior and exterior applications.

Any desired shape

The flexible Stucanet® S lath lets you create any desired shape: round, concave/convex bent, or flat.

The flexible panels allow optimal plastering of arches, slanted walls and other complex structures.

Versatile use

Stucanet® can be used for a wide variety of applications: finish under a pitched or flat roof, floating ceilings, trusses, decorative three-dimensional applications, fire resistant systems, etc.

Both interior and exterior applications

Stucanet® opens up new architectural and artistic finishing options for both interior and exterior plasterwork and rendering. It gives the designer or architect total freedom in the creation of individual designs both in residential and non-residential applications (e.g. restaurants, hotels). Stucanet® has also repeatedly proved to be the ideal solution for building highly inventive creations as part of the construction of recreational parks.



East-Hotel, Hamburg, Germany



Cafebar, Wiesbaden, Germany



© Sarah Scott Architects Ltd.

Holy Family Catholic Church, Wanaka, New Zealand

Custom-made solutions for every application

A suitable variant is available for every type of substrate or supporting structure. Stucanet® lath is available in various types and dimensions.

Stucanet® basic types

Stucanet® S has 2 parallel, round fixing wires, and can be used both in level and non-level applications (e.g. curved shapes). In contrast to Stucanet® 80, Stucanet® S can easily be bent to form in any direction.

Stucanet® 80 has a solid flat wire for fixing and is more rigid, making it ideal for level applications such as ceilings and walls. With its higher rigidity, Stucanet® 80 allows for greater spacing intervals between e.g. wooden rafters, timber frame or IPE profiles.

Both types are 70 cm wide and 240 cm long.

Stucanet® types for specific applications

Stucanet® SN is designed specifically for solid, level substrates (e.g. plastering and rendering for renovation of painted walls or old plasterwork and render on masonry or concrete walls).

Stucanet® SN has the same wire structure as Stucanet® S, but no perforated paper.

All Stucanet® types can be used for both exterior and interior applications. **Stucanet® S-H** is used specifically for exterior facade applications. Stucanet® S-H has the same wire structure as Stucanet® S, but is protected with a waterproof membrane to prevent moisture penetration.

Stucanet® 33 is narrower (33 cm instead of 70 cm) and longer (255 cm instead of 240 cm) than all other Stucanet® types, and is the ideal solution for the finishing of utility ducts.

All types are also available in stainless steel.

For further details please refer to detailed product data sheets or installation instructions.

For reinforcement and rendering of corner plasterwork, Bekaert offers Bekaert Widra® corner beads.

Please contact us for further information.

Why Bekaert?

Bekaert's wide portfolio of reinforcing products for the building industry ranges from concrete reinforcement, over stucco and masonry reinforcement to road reinforcement.

Bekaert always offers you a reinforcement solution that is safe and quality controlled. That's why Bekaert has earned the trust of architects, designers and contractors worldwide.

- Trusted solutions from an international industry leader
- Extensive support services
- A company sharing expertise with its industry partners
- Continuous product innovation and improvement
- Advanced design software for fail-proof designs and calculations
- Worldwide Bekaert network of masonry experts at your service

better together

At Bekaert, we believe that joining forces often delivers the best results. That is why we stimulate collaborative product development with partners and customers, and work with global academic experts.

This way, we are always able to offer solutions based on the best available technologies.

Just imagine what we can do together ...

Would you like to learn more about our solutions? Are you interested in our products or services? We will be happy to provide the necessary technical guidance in choosing the most appropriate Stucanet® type for your project.

Please contact us at infobuilding@bekaert.com

Detailed Stucanet® product data sheets and installation instructions are available at our local sales offices and on www.bekaert.com/building