

A close-up photograph of industrial machinery. A bright red, fibrous material is being processed by a machine with various metal components, including springs and rollers. The background is a blurred industrial setting.

NOMA TEC[®]

SOLUTIONS
FOR
INDUSTRIES

nmc

SOLUTIONS
FOR INDUSTRIES

NOMATEC®

by



www.nmc-nomafoam.com



**COMFORT &
PROTECTION**
FOR A BETTER
LIFE

OUR VISION

Thanks to our expertise in the field of synthetic foams, we develop and distribute products that make a very specific contribution to a better life in their respective area of application while creating added value for our customers.

Our corporate object is not just about our products. We are also committed to the principles of a service-, growth- and innovation-oriented company with responsibility towards employees, society and the environment.

We accordingly provide services, technologies and advice to simplify the lives of our customers and business partners in their daily interaction. Our customers appreciate our competence and responsiveness as well as great service and logistical excellence. We offer attractive jobs and make an active contribution to protecting the environment. Reducing waste and energy consumption as well as using renewable or recycled raw materials constitute an integral part of our sustainability strategy.

FROM THE BEGINNINGS TO TODAY



1950

The history of NMC begins in 1950, when Gert Noël founded the trading company NMC in what was then post-war Belgium. His first business idea was to sell an innovative household sponge made of polyurethane foam.

1970

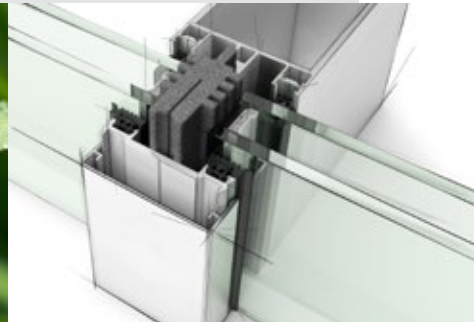
In the early 1970s, the company embarked on foam production. In the midst of the oil crisis, NMC starts producing ISOTUBE®, a pipe insulation made of polyurethane foam. In 1977, NMC developed an innovative foam extrusion process and launches CLIMATUBE®, the first flexible pipe insulation made of polyethylene.

1980

NMC optimized its extrusion and foam technologies and started selling NOMASTYL® decorative profiles and design elements internationally. As a pioneer in its industry, the company switched to CFC-free foam production processes and started recycling its own production waste.

1990

NMC developed innovative products for transport protection, sports and leisure. Today, the blue NOMAPACK® profiles are considered the market standard, while the colourful COMFY® range of toys and leisure products bring joy to the lives of children and adults alike.



2000

As the Group's business expanded in Europe, the customer base grew and the products were adapted to local preferences and technical standards. After a technological quantum leap, the company presented new types of skirting boards.

2004-2007

The company broadened its international presence and its technological base. NMC established the production of mouldings in Russia, expanded its synthetic rubber capacity in Poland and acquired four companies in Finland and Sweden, bringing both sheet extrusion know-how and foam processing capabilities to the group.

2015

NMC started developing a new type of sustainable foam from recycled and renewable raw materials. Over 100 product references were adapted to the new formulation at the Belgian plant.

2017

NMC entered into a strategic partnership with SELIT, a leading manufacturer of underlays for floating floors. The company continued on its successful path with the acquisition of the AEROLINE® business for technical insulation of solar thermal systems and the opening of a new plant in Brazil.

2018

Building on a 25-year collaboration, NMC entered into a partnership with Empresas Busel of Chile to strengthen its presence and customer proximity in South American markets.

2019

The Group clarified and reaffirmed its objectives and mission with a new slogan, a new logo and modernized corporate communications.

OUR AREAS OF ACTIVITY AND EXPERTISE

Synthetic foams are versatile thanks to their technical characteristics. NMC translates their unique properties into high performance and quality solutions for a wide range of applications and sectors, as components or stand-alone products. We consistently strive to push the boundaries of what is possible through innovation so as to achieve the best possible result. Our solutions make a very specific contribution to comfort and protection for a better life in their respective application areas.

TECHNICAL INSULATION

In view of the increasingly noticeable effects of climate change and global warming, reducing CO₂ emissions has become a core task. For example, state-of-the-art heating, water and ventilation technologies, as well as renewable energies, combined with optimal insulation in buildings, offer significant potential for CO₂ savings.



NMC offers a wide range of products for flexible technical insulation used in air conditioning, refrigeration and industrial engineering. Whether installed in equipment or applied to lines or pipes, our products extend the service life of technical systems, reduce overall energy consumption and protect the environment.

Whether standard solutions or specially developed according to customer requirements, our products meet the respective standards, are characterized by efficiency and safety in handling and are easy to install and use.

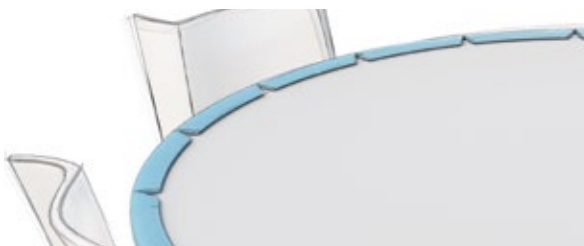
PROTECTION PROFILES

Thousands of years ago, people began to settle down and trade in city markets. Over time, trade developed across cities, countries and continents.



Today, goods are transported in containers, on ships, in planes, trains or lorries and are increasingly delivered by parcel service. They are reloaded several times en route and there is a risk that they will be damaged.

NMC offers a standard range and customized foam solutions to protect goods throughout the supply chain. They also protect our customers from damage to their image and economic losses, avoiding repairs, returns and thus contributing to environmental protection.



SOLUTIONS FOR INDUSTRY

Innovative improvement of product features is an important factor in most industries to stand out from competitors, increase customer loyalty, add value and contribute to a better world. Typical examples include improved usability through simplification, sustainability through environmentally friendly offerings, or personalization, where a product is made to individual specifications.

As a high-tech component of a product or system, NMC offers foam solutions that improve product performance in a variety of industries.

We work with our customers to develop insulating, soundproofing, damping, sealing, protective, cushioning, floating or structural foam solutions that are lightweight, sustainable and cost-effective.

UNDERLAYS FOR FLOATING FLOORS

As urbanization continues, it is also accompanied by a densification of people's living spaces. Issues such as healthy living and room acoustics are playing an increasingly important role. In apartment buildings, the floor construction is of great importance in order to avoid disturbing noise sources. In the case of floating floors, special attention must be paid to effective insulation, as this reduces not only the impact sound but also the walking sound in the room itself.

DESIGN ELEMENTS

The modern world offers a wide range of possibilities. Nevertheless, constant availability, information overload and traffic congestion also make our lives increasingly complicated and hectic. We often feel restless and overwhelmed by nature, colleagues, friends and family, sometimes even by ourselves. So we need to slow down every now and then, leave the rat race behind and find peace of mind; to go where we feel comfortable: home. Our home should be a place of relaxation, peace and joy where we can recharge our batteries or simply to enjoy.

NMC offers design elements for interior and façade design that create unique living spaces for more feel-good quality. They convey cosiness, warmth and a feeling of being at home for every taste, whether modern, classic or timeless; for different projects and requirements, whether in private homes or in public areas such as offices, shops, restaurants or hotels; simply for all places where you want to feel at home.





NMC is also known for its **COMFY®** floating noodles and cushions, often found in swimming pools, gardens and other outdoor activities, as well as for its **NOMAWOOD®** façade solutions.



ALWAYS AT YOUR SIDE

NMC has expanded its international presence over time to provide comfort and protection to as many people as possible.

Being close to international markets and consumers enables us to respond better to different cultures, languages and needs.

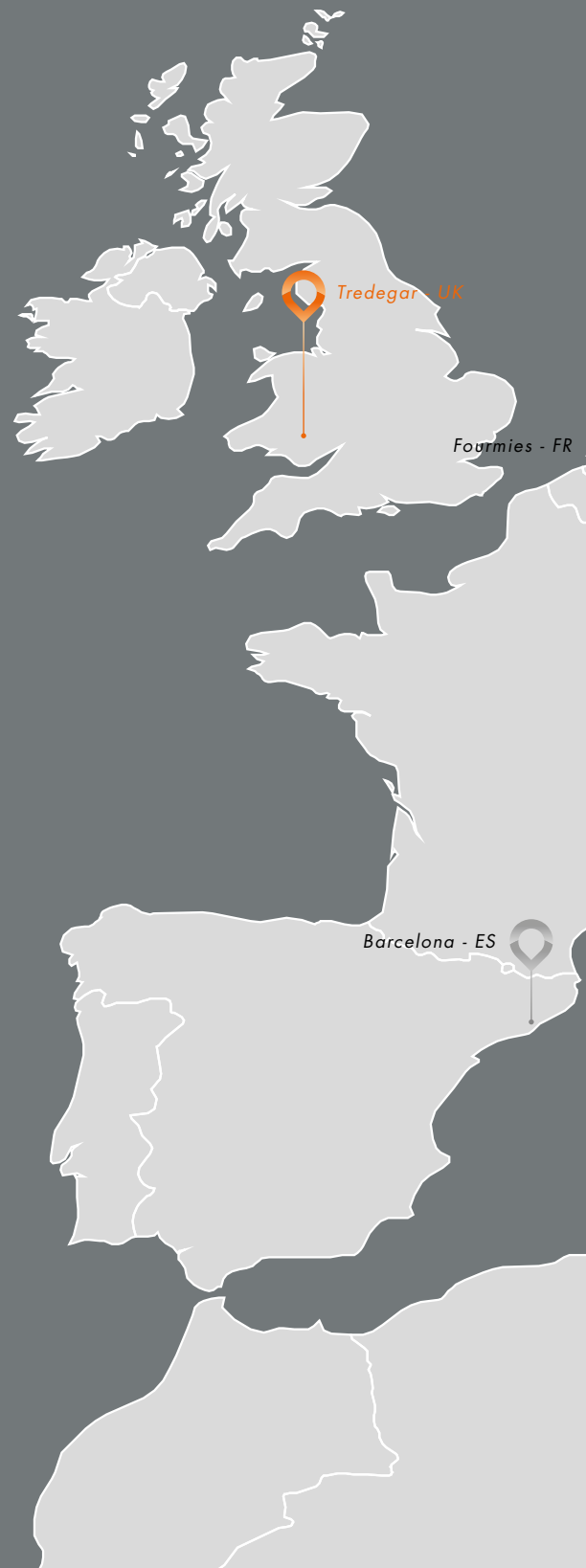
Local warehouses and production facilities in turn enable us to adapt our product offering, meet delivery requirements and accommodate regional expectations.

22 LOCATIONS IN 16 COUNTRIES

8 
PRODUCTION

5 
CONVERTING

9 
DISTRIBUTION/
STORAGE





Dilling - NO

Kinnahult - SW

Tampere - FI

Inkoo - FI

Getinge - SW

Malmö - SW

Moscow - RU

Eynatten - BE

Etringen - DE

Erbes-Büdesheim - DE

Zabrze - PL

Kyiv - UA

Zöllnitz - DE

Heppenheim - DE

Neu-Ulm - DE

Milano - IT

Bucuresti - RO

WE ASSUME RESPONSIBILITY

SUSTAINABILITY AT NMC

Economic, social and environmental actions go hand in hand at NMC. With these three principles, we invoke the „three-pillar model“ of sustainability. As a family business, we want to remain fit for the future and rely on empirical values and progressive thinking in order to maintain our economic strength in the long term.

We assume social responsibility in the same way when it comes to our customers, employees and shareholders. The needs and wishes of all our stakeholders are our top priority with a view to future generations. We contribute to sustainable climate and environmental protection on several levels. Our history shows that we are constantly striving to improve our products: as early as 1988, we converted our production first to CFC-free and then to HCFC-free processes. This made us a pioneer in our industry.

NMC'S COMMITMENT TO CLIMATE PROTECTION

- > We cover 100% of our electricity consumption from renewable energy sources. We also have our own photovoltaic system.
- > Almost 100% of our production waste is recycled in a closed loop system.
- > Closed water loops minimize consumption.
- > ISO 14001 certification – the international standard for environmental management systems.
- > Participation in Operation CleanSweep®.





**WE UNDERSTAND
SUSTAINABILITY AS A
FUNDAMENTAL PRINCIPLE OF
OUR ACTIONS**

We comply with applicable regulations and internal company guidelines for the safety and protection of people and the environment.

We promote and encourage a sense of responsibility for workplace safety and environmental protection among all our employees.

We improve our quality and management systems continuously so as to reduce environmental impacts and to meet customer expectations in the future.

We continuously reduce emissions, resource and energy consumption, prevent soil contamination and avoid or separate waste.

We take environmentally friendly initiatives and promote the use of recycled and renewable raw materials.

We set and pursue short- and medium-term goals that ensure the long-term continuity of our company.

A close-up, high-speed photograph of water splashing from a faucet. The water is captured in mid-air, creating a dense spray of droplets. The background is dark and out of focus, showing the metallic parts of the faucet and the surface of the sink. The overall tone is dramatic and emphasizes the dynamic nature of the water.

**UPGRADE THE
PERFORMANCE**
OF YOUR PRODUCTS
OR SYSTEMS



NOMA TEC®

Innovative improvement of product features is an important factor in most industries to differentiate from competitors, increase customer loyalty, create added value and contribute to a better world. Typical examples are improved usability through simplification, sustainability through environmentally friendly offerings, or personalization, where a product is made to individual specifications.

As a high-tech component of a product or system, NMC provides foam solutions that improve product performance in a variety of industries. We work with our customers to develop insulating, soundproofing, damping, sealing, protective, cushioning, floating or structural foam solutions that are lightweight, sustainable and cost-effective.

APPLICATIONS

HIGH PERFORMANCE FOAM MATERIALS ARE USED IN ALL SECTORS

NMC foam products provide reliable protection and can be removed completely afterwards. In addition, our solutions can be integrated easily in existing assembly line productions. Therefore: maximum protection and guaranteed product quality from manufacture to delivery to the end customer.

FURNISHING INDUSTRY

We provide intelligent packaging solutions to measure for the transport and storage of furniture, so that damage can be effectively prevented. Some of our special foam materials are used in all sorts of upholstery, mattresses, floor mats or noise insulating partitions.



PERSONAL PROTECTION

NMC foam materials are indispensable in water, as life jackets or non-slip boat mats, as well as on land in bike helmets or jackets, as knee and elbow pads. They are used for safety and comfort in children's seats, bicycle saddles, soles, work clothing as well as for transporting horses and keeping them in stalls.



TRANSPORT

Comfort is a matter of the right technique. In transport our foams are used for acoustic insulation in doors and storage areas and as filler in many bearing components. Other applications include passenger compartments or efficient protection against excessive heating or cold of various components in the engine compartment, making modern transport even more efficient.



MEDICAL ENGINEERING

High quality and sensitive goods are protected and packaged efficiently to arrive safely at the end customer. Customised solutions are also used in wheelchairs, shower seats and rescue mats.

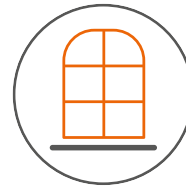


CIVIL ENGINEERING

Our special foams offset effectively mechanical stress and temperature differences wherever expansion joints and separations are needed, and reduce noise transmission. In the housing sector, our special foams provide the necessary thermal insulation and thus contribute to sustainable living comfort. In cooperation with reputable pipe manufacturers we see to the preliminary insulation of district heating, heating and sanitary pipes.

WINDOW INDUSTRY

Our protection and packaging profiles ensure flawless delivery of the finished product. Custom-made specially for the respective project, the foam profiles contribute significantly to improving the energy balance successfully thanks to their high insulating value, and thus meet the latest legal requirements.



OFFSHORE INDUSTRY

NMC foam profiles are environmentally friendly, recyclable and durable. Thanks to their flexibility, light weight and high buoyancy, they can be used even in salt water and heavy swell. The wide variety of applications as in shock absorbers, buoys and piers, in the fishing industry, offshore wind farms and in fighting oil spills make this indestructible material indispensable.

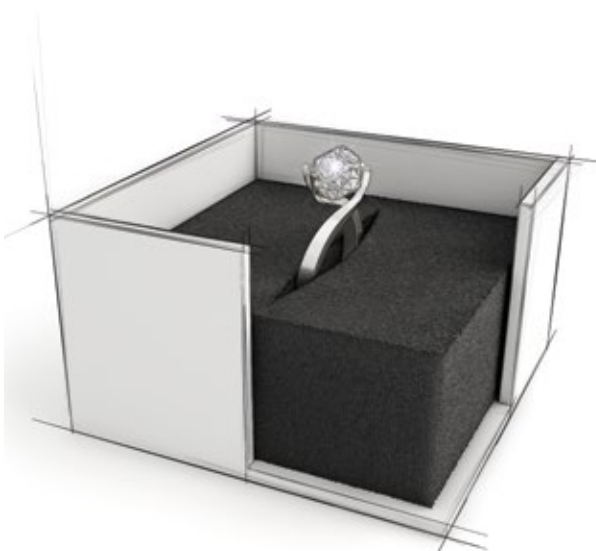
CONSUMER ELECTRONICS

NMC foam solutions protect efficient and custom household appliances from the manufacturer to the customer. High quality electronic systems in industry and research are protected optimally during frequent transport, and electrostatic charges are hindered effectively.

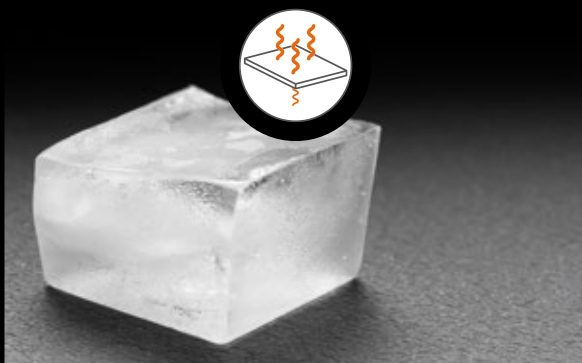


SPORT & LEISURE

Our foam products provide reliable protection against injury at sport and play: whether as coating for pillars and bars or wall and floor mats. In gymnastics, the ultra-light and absorbing properties of foam are a permanent component for the sports equipment, thereby providing reliable protection against injuries.



FUNCTIONS



INSULATING

The high thermal and acoustic insulation value of NMC foam components can be used for all purposes: from civil engineering via medical applications, via transport, NMC has a specific application for every sector.



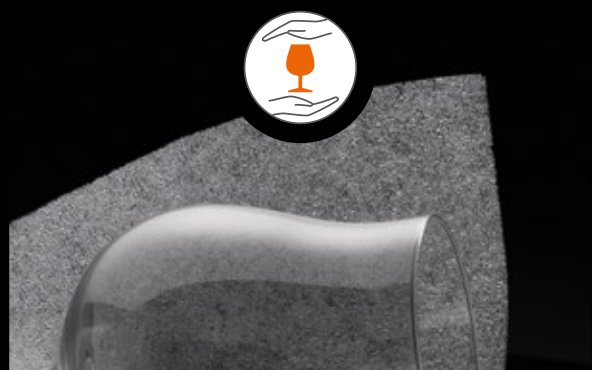
SOUND PROOFING

Our products help make our environment quieter and therefore less stressful. High absorption values are attained in structure- and air-borne sound. They are used in airports, rail- and road-transport, as partitions, clapper guard, decoupling or as cabin lining.



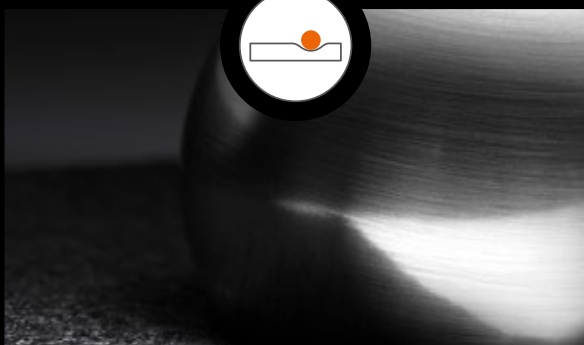
FLOATING

Our light, stable and above all chemically neutral foam materials can be used ecologically in all sectors where the high floatability of this polymer material is indispensable.



PROTECTING

Our solutions for permanent protection from vibrations and impact, for people and sensitive goods. The NMC foam products provide safety (in helmets, as pads or spring mats), protect bars and railings as well as bodies and joints and thus prevent injuries.



UPHOLSTERY

The NMC foam products are perfect for upholstery in various forms: from seats to ergonomic mattresses, children's car seats to sport mats, the special foams are produced to measure for the finished product to ensure optimal comfort.

HIGH PERFORMANCE FOAM MATERIAL WITH **MULTI-FACETED** PROPERTIES



SEALING

Every type of joint requires an appropriate seal. NMC makes sealing materials in particular for humidity and noise that can be used in housing and road construction, the automobile sector, railways and bridges.



LIGHTWEIGHT

Our protection and packaging profiles are light as a feather, save room and thus transport costs. Our foam solutions can be used in particular as structural foam in the transport industry or caravans, as well as in construction in wooden houses.

MATERIALS AND THEIR PROPERTIES

	Thermal conductivity	Low water absorption	Rigidity	Chemical resistance	Recyclability	Max. service temperature	Thermo-formability
XPE	■■■■□	■■■■■	■■□□□	■■■■■	■■■■■	■■□□□	■■□□□
XLPa	■■■■□	■■■■■	■■□□□	■■■■■	■■□□□	■■□□□	■■■■■
XL Pb	■■■■□	■■■■■	■■□□□	■■■■■	■■□□□	■■□□□	■■■■■
XPP	■■■■■	■■■■□	■■■■□	■■■■□	■■■■■	■■■■□	■■■■■
XPS	■■■■■	■■■■■	■■■■■	■■■■□	■■■■■	■■□□□	■■■■■
XPET	■■■■■	■■■■□	■■■■□	■■■■□	■■■■■	■■■■■	■■■■■
PUR	■■■■□	■■□□□	■■■■■	■■■■■	■■□□□	■■■■■	□□□□□
NBR	■■■■□	■■□□□	■■□□□	■■■■□	■■■■■	■■□□□	□□□□□
EPDM	■■■■□	■■■■■	■■□□□	■■■■□	■■□□□	■■■■■	□□□□□

■■■■■ excellent ■■■■□ very good ■■■□□ good ■■■□□ sufficient ■□□□□ poor □□□□□ not available



THE RIGHT MATERIAL ALWAYS AT HAND

A wide variety of properties and characteristics enables versatile use in almost every conceivable area.

NMC's expertise in the field of foam extrusion is based on many years of research and development experience. We combine material and process know-how to develop foam profiles, rolls and sheets according to customer requirements and expectations in terms of cost, functionality and material properties.



PROCESSING

Our core skill lies in the development, production and international marketing of technical foams. We have mastered the required technological methods in order to process raw materials and combine them in a complex and precise production process. Our products' varied range of applications can be customized by means of additional processing. Countless techniques and options are available for further improving products during or following the production process. Naturally we work closely with our customers to collectively devise the best possible solution.

EXTRUSION

Extrusion is the ability to create technical ambitious foam profiles; cross-linked or non-cross-linked sheets and rolls for both standard and custom designed specifications.

Thanks to many years of experience, we are able to combine and optimise the whole process and production chain. Various densities, colours, tailor made profiles and foils are also available upon request. Coextrusion is a production process of foam in which two or more compatible feed materials are merged together. Foam profiles can be coated with an additional layer of non foamed material in various colours or they can be reinforced with an additional coating to increase for example their mechanical or UV resistance

LAMINATING

Lamination is the technique of manufacturing a material in multiple layers, so that the composite material achieves improved strength, sound insulation, appearance or other properties. Whether it will be foam on foam or semi-finished material lamination, high emissivity aluminum foil or hook and loop fastener – there are many possibilities.

THERMOFORMING

Thermoforming is a manufacturing process where a foam product is heated and formed to a specific shape in a mould and finally trimmed to create a finished product. A wide range of extremely complex design criteria can be met and even three dimensional products can be realized.

CONVERSION

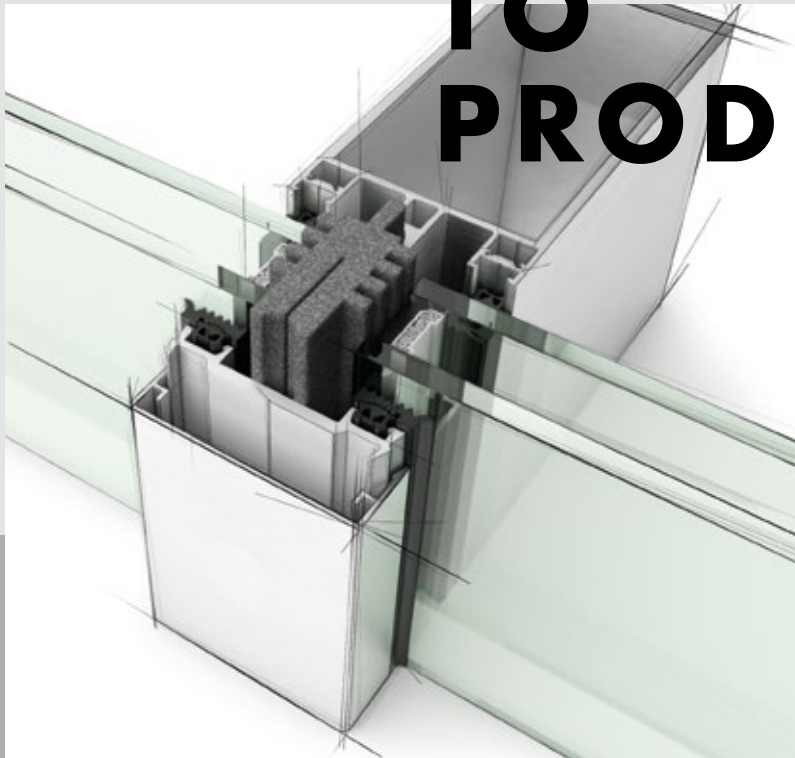
ADHESIVE

We are able to apply different types of adhesives to join materials together; either with a hot melt or an adhesive tape. The adhesion can be permanent or removable, adapted to a specific temperature range. We offer a great choice of possibilities.

CUTTING

Extruded profiles or foils and sheets could be upgraded by additional mechanical process like cutting, milling or stamping. According to customer requirement they can be for example, equipped with special cuts to make them more flexible and elastic. Foam profiles can be finished partially cut to simplify handling and avoid waste material.

FROM IDEA TO PRODUCT



NMC WANTS TO ACCOMPANY YOUR PROJECT TO SUCCESS

We focus on mutual success by working closely with our customers to develop the best solution to meet all requirements. We offer you maximum protection and guaranteed product quality from manufacture to delivery to the end customer.

Idea

If you have an idea and need a customized component to realize your vision, do not hesitate to contact us.



Quotation

Based on the discussion, we will provide you with an itemized quotation and hand over a sample selection that is suitable for your project.

Quality assurance

Our internal quality assurance ensures that all predefined requirements for individual components and the entire product are met.

Release

You release sample for production as soon as it meets all your requirements.

Conversation

A team consisting of a customer advisor and an engineer will discuss the project with you and go into technical characteristics and the necessary requirements in order to define the scope together with you.

Development

During this phase, our engineers work on defining and implementing the shape, density and other properties of the product based on the requirements.

Prototype

Only when we can guarantee perfect product quality will you receive samples from us for your own testing purposes.

Production

Now the actual production begins. The products are subjected to several quality controls even during this step and up to delivery, in order to ensure that a perfect result is produced and delivered.

TO MAKE
YOUR PROJECT A
SUCCESS, WE NEED
YOUR **TRUST** AND
YOUR INFORMATION.





FOAM
THAT
SHAPES
YOUR
IDEAS

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