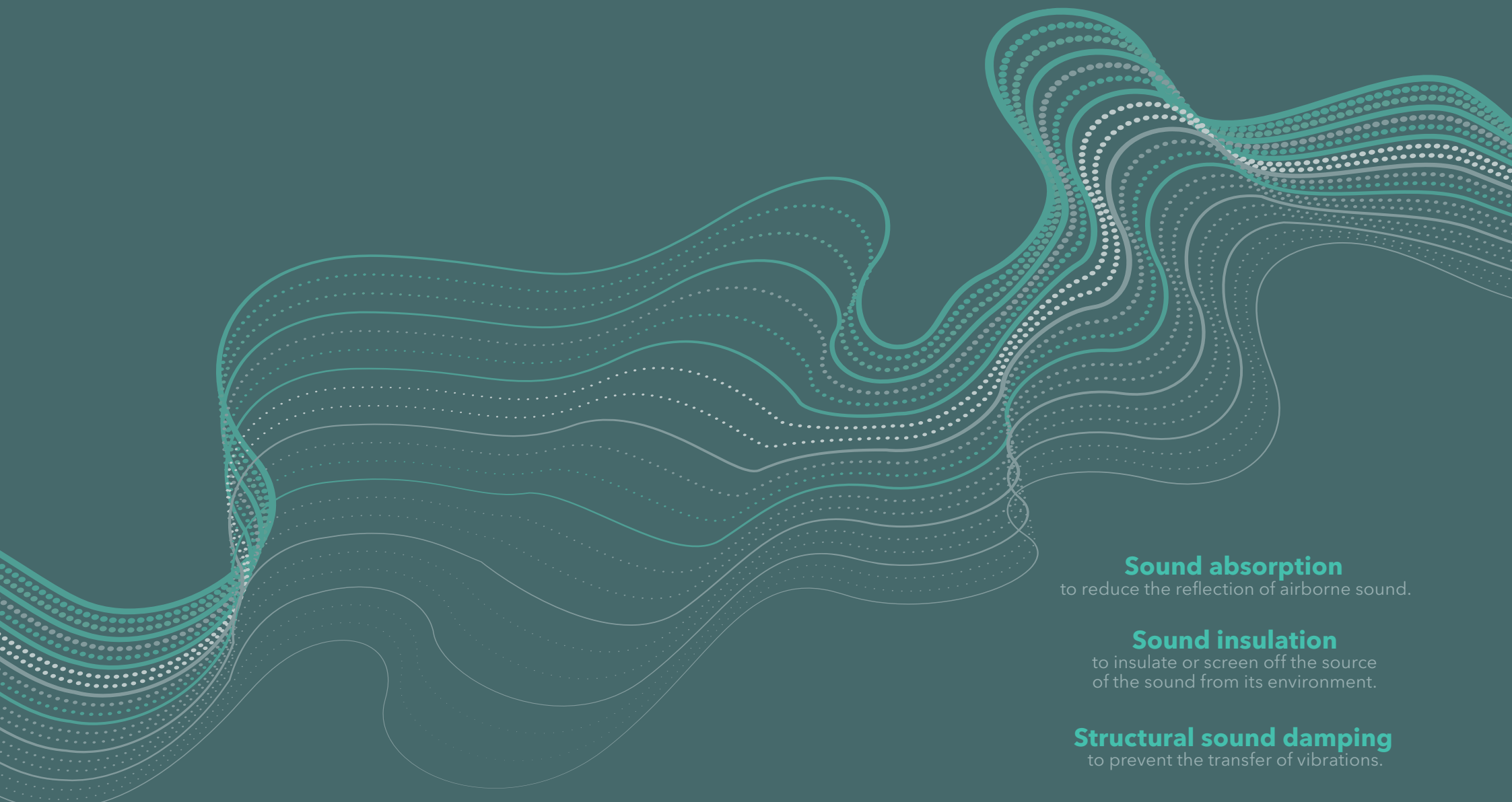


# DAFA Sound



## **Sound absorption**

to reduce the reflection of airborne sound.

## **Sound insulation**

to insulate or screen off the source of the sound from its environment.

## **Structural sound damping**

to prevent the transfer of vibrations.

DAFA Sound is a complete concept that reflects DAFA's overall expertise in industrial sound damping. There is significant strength behind our skills that combined comprise a complete foundation for optimising the sound quality of our customers' products and manufacturing processes.

## Solid expertise - in tune with current demands



### Extensive range of quality products

The product range is broad, tested and proven throughout many years and defines the starting point for the DAFA Sound solutions.

The range is based on high-quality raw materials of foam, rubber, plastics and foils. Applications can be customised for functions in the areas of sound absorption, sound insulation and structural sound damping – or in a combination of these three areas and across all industries.

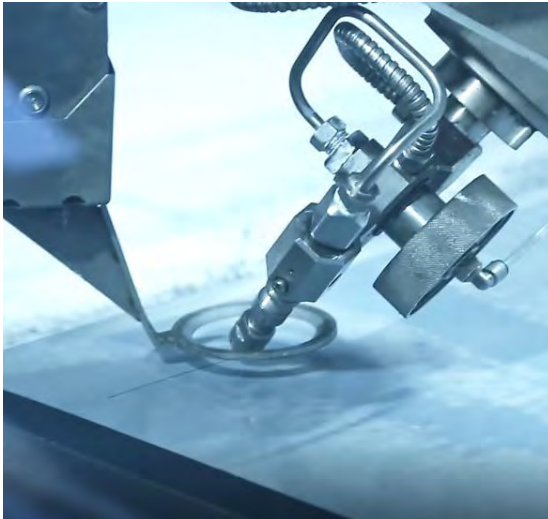


### Specialists use technical knowledge to create valuable solutions

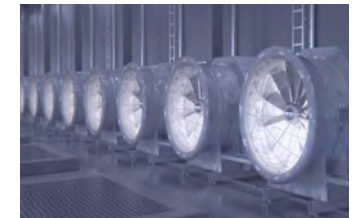
Technology does not do it alone. DAFA has employees who are specialists with extensive experience in industrial sound damping.

The starting point is always the customer's challenges and requirements. For this reason, solutions consist of a targeted solution process, where each task is designed individually.

DAFA's solutions are also based on both a willingness and an ability to provide comprehensive documentation materials and tests, which often comprise an important part of customers' quality management and control.



Wind energy



HVAC



Electronics



Machinery



Maritime / offshore



Automotive / body



White goods



Construction equipment

## State of the art production machinery ensures competitive solutions

DAFA has state of the art industrial manufacturing equipment consisting of the newest and most advanced robotic machines and processes. This ensures that DAFA can provide competitive solutions that are appealing to industrial manufacturers. Capacity is continuously adjusted according to demand and market requirements. Production equipment for

- Splitting
- Die cutting
- Vertical cutting
- Horizontal cutting
- Water-jet cutting
- FIPFG
- Application of double-sided tape
- Laminating
- 3D water-jet cutting
- Contour cutting
- Roller cutting

## Individual solutions for sound damping



The product features ensure optimal solutions...

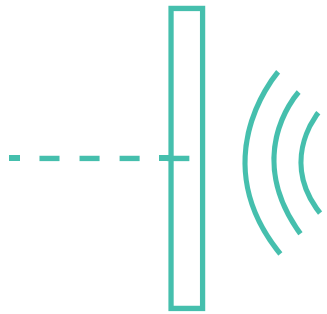
Sound absorption	Sound absorption + Sound insulation	Sound absorption + Sound insulation + Structural sound damping
Sound insulation	Sound insulation + Structural sound damping	
Structural sound damping	Sound absorption + Structural sound damping	

– separately or in combination

The solutions are designed and developed to work within the areas of sound absorption, sound insulation and structural sound damping – in one or more variants. The broad product range, production equipment flexibility and our employees' skills ensure that DAFA is able to solve even very complex sound damping tasks.

Many cases require unconventional and innovative solutions. However, the willingness and ability to see possible combined solutions is crucial to achieving results which solve the individual task to perfection – both technically and commercially.

- creates **good vibrations** for complex tasks



### Sound absorption

By reducing the reflection of airborne noise, surroundings become more comfortable due to lower noise levels. Products with high aural comfort are sought after in industry.

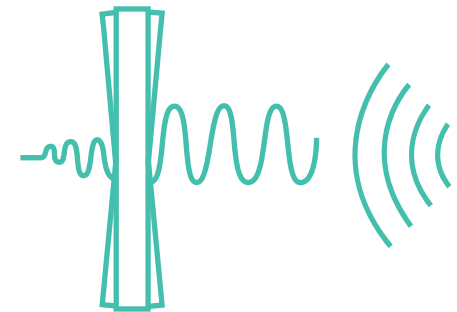
Solutions are adapted and designed based on the DAFA Sound range for the product and the materials they are to match. This achieves results that make our customers' finished products even more competitive.



### Sound insulation

Growing demands from authorities and organisations regarding noise levels are often the driving force for sound insulation of products or manufacturing systems.

DAFA Sound contains products which, together with DAFA's other skills, ensure sound effective solutions for insulating the noise source or shielding from the outside world. DAFA Sound thus contributes to ensuring that noise and vibrations are less bothersome to users.

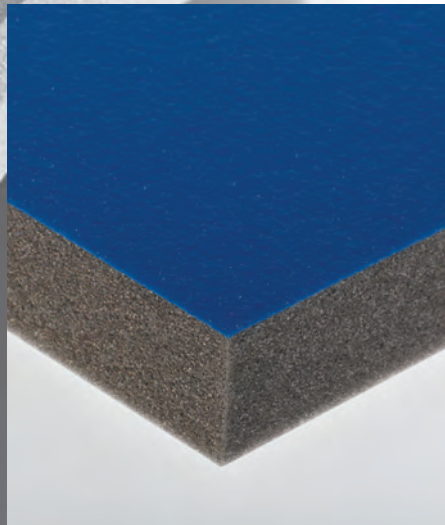


### Structural sound damping

Structural sound damping is about avoiding the propagation of plate vibrations. It is particularly applicable to structures, enclosures and cabins. The DAFA Sound range includes special products designed to absorb and optimise acoustics.

It requires solutions designed individually with regard to raw materials, composite materials, surfaces, colours and shapes.

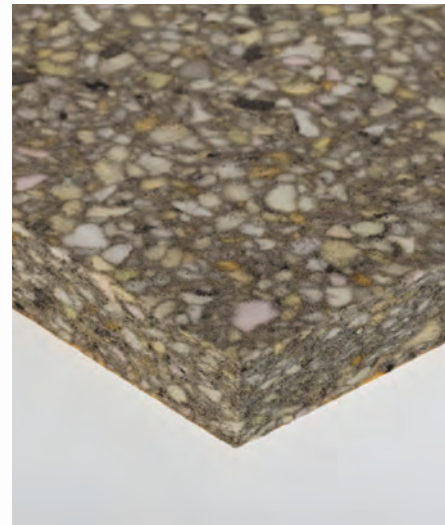
## Unique combinations of products for all frequencies...



### Sound absorption

DAFA Sound ABS – products characterised by the way they absorb air-borne sound when the noise source cannot be insulated.

The DAFA Sound ABS products are based on fire retardant PUR foam.



### Sound insulation

DAFA Sound ISO – designed to work opposite DAFA Sound ABS materials. Increasing the density (e.g. of foam) improves the insulating effect and thereby the possibility to insulate the noise source from surroundings.

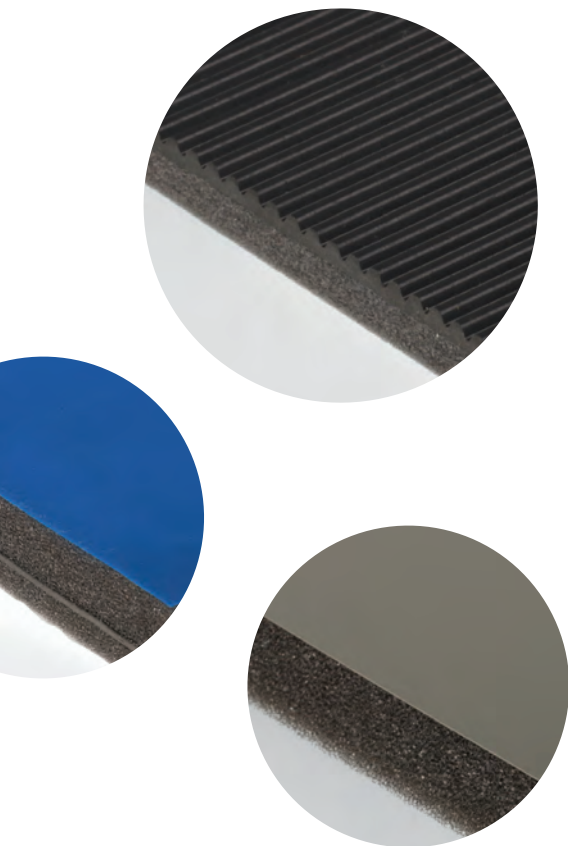
The products are mainly made of PUR foam.



### Structural sound damping

DAFA Sound BLOCKER – heavy foils on EPDM rubber, cardboard or bitumen. The self-adhesive material is affixed to the structure which minimises vibration and structural sound.

The DAFA Sound BLOCKER programme considers factors such as flexibility, flammability, oil and chemical resistance.



## Close **interaction** – that sounds right!

DAFA is a family-owned corporation founded in 1939 by Børge Norby.

We are specialists in development and production of foam, rubber and adhesive solutions such as gaskets, sealing tape and sound insulation. Our products benefit customers in construction, manufacturing and the wind turbine industry.

After establishment and acquisition of subsidiaries abroad, the DAFA Group now has more than 350 employees across three continents and eight countries, with production in Denmark, Italy, Poland and China. DAFA's headquarters are located in Aarhus, Denmark.

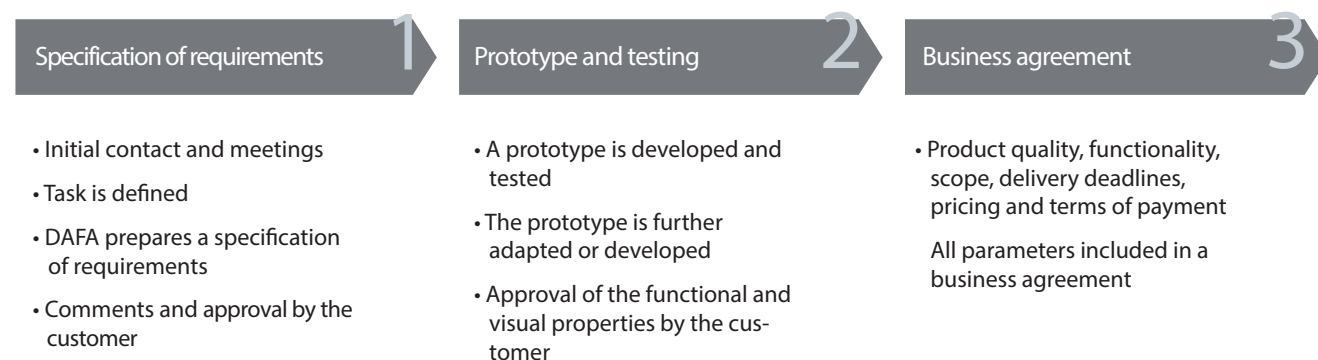
Mission: DAFA offers sustainable, long-lasting solutions which seal, absorb and protect. Our goal is for our customers to experience added value by collaborating with DAFA.



– or in combination....

DAFA Sound COMBI – a product range based on joining materials with different properties (e.g. bitumen and PUR foam).

This allows material solutions to be targeted at several of the aforementioned solutions for absorption, insulation and/or structural sound damping.





## The invisible lines that make wonders happen

At DAFA we are experts in specialized products and total solutions that seal, absorb and protect.

With constant innovation, uncompromising product quality and close collaboration with our partners, we contribute to successful projects in industries where attention to detail is the difference between success and failure.

Our experience covers three quarters of a century with a strong commitment to principles of sustainability in business decisions that create long-term value for our stakeholders.

Our global supply chain means we deliver to any location efficiently on competitive conditions.



Follow us



- \* Applies to: DAFA A/S, DAFA Sverige AB, DAFA Deutschland GmbH, DAFA Sealing Technology (Tianjin) Co., Ltd., DAFA US Inc., DAFA Polska sp. z o.o.
- \*\* Applies to: DAFA A/S, DAFA Sverige AB, DAFA Deutschland GmbH, DAFA Sealing Technology (Tianjin) Co., Ltd., DAFA US Inc.



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