


RegiSeal*Aqua*
RELIABLE & SECURE



The new generation Sealing Foam
for advanced Gasketing.

A close-up photograph of a car's body panels, likely the roof and side panels, covered in numerous water droplets. The droplets are of various sizes and are scattered across the dark, metallic surface. In the background, the car's window is visible, reflecting the interior of the vehicle, including the steering wheel and dashboard. The overall scene suggests a car that has been washed or is in the rain.

The best solution
for your sealing
requirements.



RegiSealAqua
RELIABLE & SECURE

Extremely impervious.
Hydrolysis stable.
Resource saving.

Modern sealing requirements need innovative materials. Liquids, damp, gases and also dust must not be allowed to penetrate. The sealing solution must be permanent.

**“Name your sealing requirements.
Our solution is RegiSealAqua.”**

RegiSealAqua – our new foam generation with reliable sealing properties.



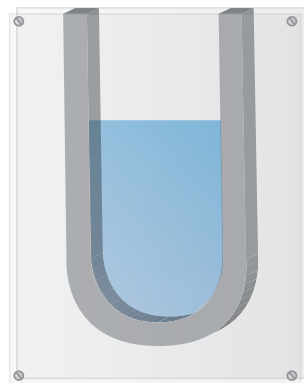
Waterproof

Remarkable hydrolysis stability with the highest possible sealing effect.



Permeability tests

RegiSealAqua has been developed according to the highest automotive standards such as DBL 5450 and provides excellent sealing properties in the U-tube test. Durability is an essential characteristic for all sealing applications and this is guaranteed in RegiSealAqua by its high hydrolysis stability. Due to its very fine cell structure, RegiSealAqua is air- and water-tight. To further increase the sealing properties, the foam can be implemented in a compressed form.



RegiSealAqua provide reliable results in the U-tube test

Versatile applications.



Versatile applications

- Interior and Exterior automotive applications
- Filter construction
- Air conditioning/heating/ventilating systems
- Isolators/Insulators
- Household equipment
- Electronics/telecommunication
- Lightning systems
- Acoustic components
- Packaging

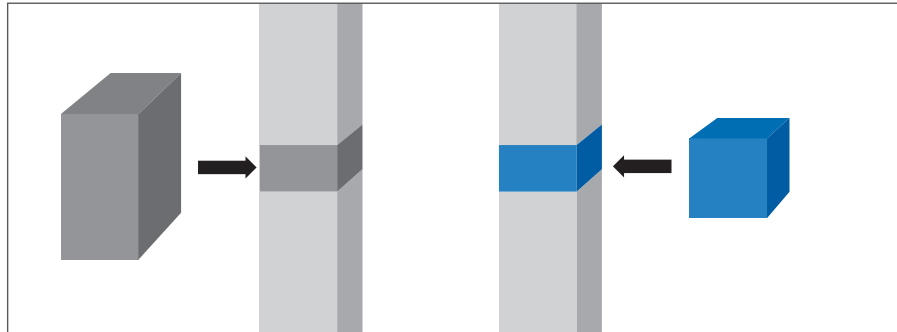
Simple handling

- Easy compressibility
- Precise punching properties
- High accuracy of fit to component
- Easy to laminate, e.g. with skin foil or pressure sensitive tape
- Optimal thermo-formability

RegiSealAqua provides savings on materials and cost efficiency.

Flawless function with a minimum amount of materials and significantly reduced compression. Despite minimal compression the lightweight RegiSealAqua achieves an excellent performance.

Functionality examples and material consumption in comparison



Commercial sealing foam

High level of material consumption
Large degree of compression

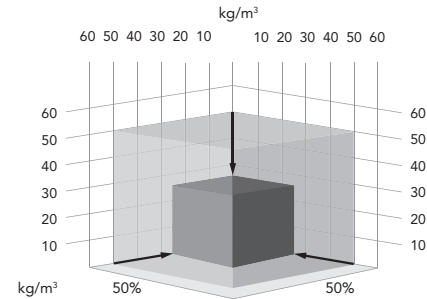
RegiSealAqua

40% material saving
40% less compression

Structures that don't let anything get past them.

The extremely fine-pore cell structure of RegiSealAqua provides excellent sealing properties against liquids and gases. Usually this is only achieved by high density foams.

Material saving in comparison



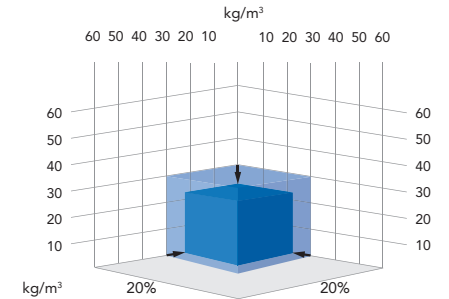
Commercial sealing foam

Density 50 kg/m³
50% compression

Saving potential



40% material saving
55% cost saving



RegiSealAqua

Density 30 kg/m³
Only 20% compressing

Resource conservation.
Sustainability.
Durability.



Resource conservation and energy reduction are global challenges for all of us.

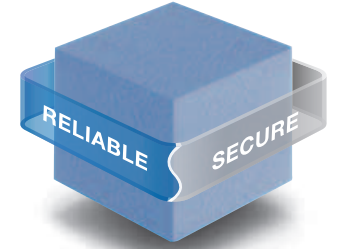
Commercial sealing foams require significantly more raw materials for the same product performance as RegiSealAqua and are heavier. That means that the use of RegiSealAqua makes a double contribution to the environment.



Resource saving

**“Resources are conserved
and energy is saved.”**

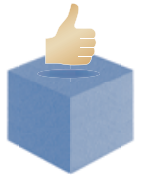
Characteristics at a glance.



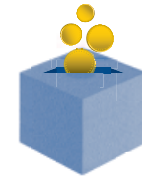
- Waterproof
- Cost efficient
- Reliable
- Hydrolysis stable
- Durable
- Low density
- Fulfils the highest emission standards
- Excellent climate resistance
- High level of chemical resistance



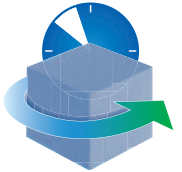
Waterproof



Reliable



Cost efficient



Durable