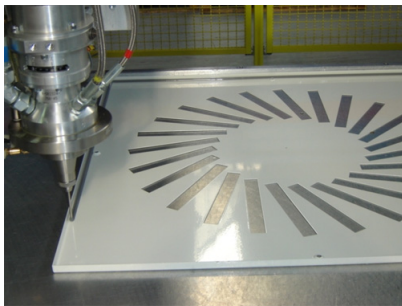


Antibacterial foam gasket - certified for air conditioning systems

Bacteria are everywhere – in the air, in the water, on the soil. Thus, the useless microbes don't spread in buildings, clean rooms or in cars Rampf Giessharze has developed the antibacterial foam gasket Raku-Pur 32-3276, which is certified according to VDI 6022. The new, strong two-component polyurethane system seals air grilles, diffusers, dampers, filters, lamps, and other air conditioning systems securely.

Invisible and efficient – this is how the new antibacterial foam gasket protects against mildew, yeasts, bacteria and legionella, according to Rampf. The thixotropic material made of polyurethane with the brand name Raku-Pur 32-3276 shows a very compact, hydrophobic integral skin. That is why the system is perfect for the foaming of complex three-dimensional components with convex or concave structure. Thanks to the thixotropy the dimension of the foam bead remains constant also for slopes and inclinations. Alongside its inertness, other properties of the material are its high tear strength, low water absorption, minimal waiting period until assembly and its optimum adhesion on different surfaces – whether painted or powder coated. Furthermore, the product meets the hygiene requirements for air conditioning systems according to the standard VDI 6022 and has been acknowledged by the Institute of Air Hygiene as microbially inert. The material is therefore predestined for use in public buildings such as hospitals or in dust-free rooms and wet areas, where microbes are absolutely taboo.



The antibacterial foam gasket is dispensed with pinpoint accuracy on the air conditioning element.

A company which uses this technology of Rampf first is the company Koolair. The air conditioning specialist from Spain insists for all applications connected to the field of air distribution like air grilles, diffusers and dampers on the use of the antibacterial polyurethane foam gasket Raku-Pur 32-3276. The foam is applied by a low-pressure mixing and dispensing system from the affiliated company Rampf Dosiertechnik. According to information from Koolair, the company is able to achieve consistent savings up to 40 % using Rampf technologies. As the air conditioning technology provided by the Spanish specialist is in global demand the two-part polyurethane system is not only installed in hospitals or private homes but also in the new Convention Centre Dublin, Ireland, or in hotel buildings such as the Puerta de America in Madrid.

Adresse:

<http://www.gupta-verlag.com/polyurethanes/news/technology/8407/antibacterial-foam-gasket-certified-for-air-conditioning-systems>