



Press Information

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Henkel and Dometic offer a new polyurethane sealing solution for motorhome and caravan window frames

Henkel cooperates with Dometic on sealing solution

Düsseldorf – From August 26 to September 3, Messe Düsseldorf was the venue for Caravan Salon 2023, the event all about motorhomes, camping, and caravans. Around 700 exhibitors presented themselves in 16 halls at one of the world's largest trade shows for leisure vehicles. To mark the occasion, Henkel joined forces with Dometic to invite OEMs from the caravan industry and participants of the show to Henkel's new Inspiration Center Düsseldorf (ICD) on the company's premises. The globally active Dometic Group is, among other things, a major supplier to the motorhomes and caravan OEMs.

At the ICD, Henkel and Dometic presented a new sealing solution for window frames in motorhomes, minibuses, and caravans. This is intended to replace the butyl seals previously used. The window frames are sealed with a polyurethane foam gasket FERMAPOR K31 from Henkel, specially developed for this purpose, to ensure that the windows are tight against the weather. This highly viscous and fast-curing 2K sealing foam is applied to the window frames fully automatically and very precisely using a Sonderhoff dosing machine in the FIPFG process (Formed-In-Place-Foam-Gasket) with the robot-controlled mixing head.

"This allows a great deal of design freedom in the window frame design and relatively narrow and high gasket cross-sections," says Peter Fischer, Senior Manager Market & Customer Activation for the Sonderhoff portfolio at Henkel. The mixed-cell foam gasket has a good compression, so that the closing forces when installing the windows are low, and any dimensional tolerances can be compensated. In addition, the polyurethane foam gasket is more cost-effective and sustainable than a butyl seal as it reduces the overall installation time at the customers and reduces weight.

About Henkel

With its brands, innovations and technologies, Henkel holds leading market positions worldwide in the industrial and consumer businesses. The Adhesive Technologies business unit is the global leader in the market for adhesives, sealants and functional coatings. With Consumer Brands, the company holds leading positions especially in hair care and laundry & home care in many markets and categories around the world. The company's three strongest brands are Loctite, Persil and Schwarzkopf. In fiscal 2022, Henkel reported sales of more than 22 billion euros and adjusted operating profit of around 2.3 billion euros. Henkel's preferred shares are listed in the German stock index DAX. Sustainability has a long tradition at Henkel, and the company has a clear sustainability strategy with specific targets. Henkel was founded in 1876 and today employs a diverse team of about 50,000 people worldwide – united by a strong corporate culture, shared values and a common purpose: "Pioneers at heart for the good of generations." More information at www.henkel.com

Photo material can be found on the Internet at www.henkel.de/presse

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The following photo material is available:



Harald Dekkers, Dometic Product Area Manager for Windows, Blinds, Doors & Sanitary and Peter Fischer, Henkel Senior Manager Market & Customer Activation, present a Dometic window frame sealed with PU foam, standing in front of the Sonderhoff mixing and dosing system in Henkel's ICD laboratory (Düsseldorf).