

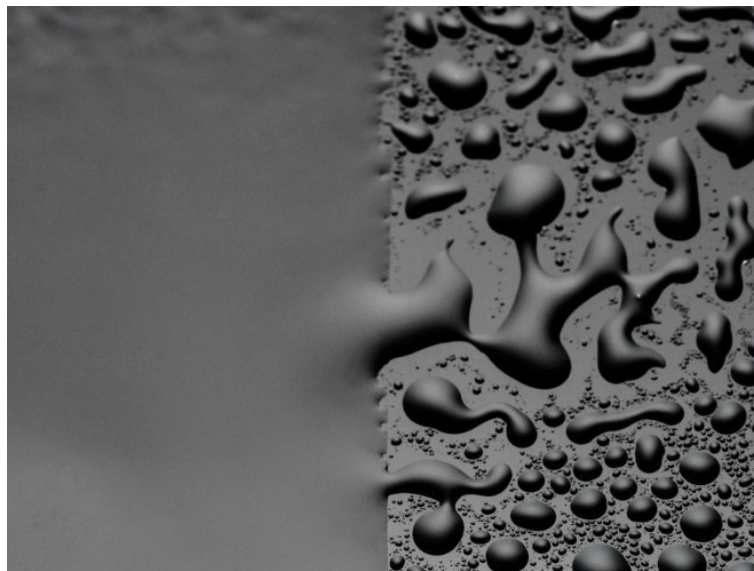
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Scratch-resistant piano lacquer look for interior components

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30 sec. reading time

Black high-gloss surfaces in automotive interiors are popular, but also scratch-sensitive and easily soiled. Interior specialist Joysonquin has now developed a robust surface finish.



Comparison of the anti-stick and easy-to-clean effect of the uncoated (left) with the coated side (right).

© Joysonquin

In order to maintain the glossy piano lacquer look, even under heavy use in the interior, the automotive supplier JOYSONQUIN has developed a scratch-resistant surface finish. For this purpose, the previous PMMA- (polymethyl methacrylate) or Plexiglass technology was combined with real glass. A super-thin glass refinement enables a highly resistant, scratch-proof, high-gloss surface.

The liquid application provides a coating in the micro-millimeter range, where scratch resistance is said to be about three times higher than that of PMMA surfaces, while the resistance to abrasion is one hundred times higher than that of plexiglass.

In addition, the material has high chemical resistance and resistance to sunscreen, for example. Anti-stick and anti-fingerprint properties

ensure easy cleaning. Due to the three-dimensionality, the finishing allows new freedom for designers. Thanks to cost-efficient processes, the liquid application is suitable for both small series and volume models.

About JOYSONQUIN

JOYSONQUIN offers unique solutions for the automobile world of tomorrow with a team of around 4,300 employees. We design and engineer premium decorative trim, functional components and power management systems for electric vehicles. All our products stand for the maximum in ambiance, comfort and safety, providing technological leadership and better differentiation against competitors for our customers.

At our production sites around the world, we have deep technical expertise and deliver a wide range of innovative and first-class services to our customers around the globe. These include surface development, research, product design, prototyping and production. The decor trim specialist QUIN, headquartered in Rutesheim near Stuttgart, is a member of the Joyson Group from Ningbo, China, since 2015. Today, the Joyson Group is one of the 30 largest automotive suppliers worldwide.