



DORSIMIX® – Formulated Filler Systems for Highly Durable Resin Flooring

Resin-bonded industrial floors are often exposed to high mechanical stresses—caused by industrial trucks, machinery, point loads, or intensive use. For the performance and durability of such flooring systems, the binder alone is not the decisive factor. The filler used has a major influence on strength, application reliability, and reproducibility.

With DORSIMIX®, formulated filler systems are available that were specifically developed for highly durable resin-bonded floors. Compared with conventional sand solutions, these are not simple mixes, but precisely engineered systems with a defined particle size distribution. This distribution ensures high packing density within the resin matrix and forms the basis for robust, homogeneous floor builds.

A key quality feature of DORSIMIX® is its consistent composition. While sand blends can be prone to segregation during transport or processing, the structure of the formulated filler system remains stable. This achieves uniform properties across the entire surface—an essential factor for mechanical load capacity and long-term floor performance.

The optimized particle grading enables high filler loadings while maintaining excellent flow properties. Self-levelling resin floors can be installed evenly and form dense, low-stress surfaces. Combined with high compressive strength, abrasion resistance, and flexural strength, this results in robust flooring systems that withstand intensive service over the long term.

DORSIMIX® is available in different grades and can be precisely tailored to layer thicknesses and load profiles. Both thin-layer and thicker self-levelling coatings benefit from the targeted combination of filler and binder. This allows the mechanical performance of the floor to be reliably controlled according to the specific requirements.

The filler system is complemented by Dorfner's application engineering support. From selecting the appropriate DORSIMIX® grade and formulating the system through to processing, users receive expert technical assistance. This ensures stable processes, reproducible results, and a high level of application security.

With DORSIMIX®, resin-bonded industrial floors are created that are designed for high mechanical loads—durable, resilient, and reliable in daily operation.