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Biogenic hydrophobing agents for architectural coatings & construction materials

MÜNZING took a huge next step in sustainable additive development. We are happy to introduce the next generation of water based hydrophobing agents which fit perfect in our green products line. These new products are a milestone in hydrophobing agent development and are one of the first renewable and biodegradable alternatives to well-known paraffin dispersions. These new products provide similar water repellent effects, COF values and UV stability like paraffin in different coating systems.

Compared to paraffin, the new products show also huge advantages. The melting point of the wax is higher compared to paraffin. Hence, the dirt pick up of the coating is lower and anti-blocking properties are improved. Especially for external applications these products show great benefits.

The biogenic hydrophobing agents provide a better storage stability compared to conventional paraffins. These tend to separate comparatively often in coating formulations over time.

The great performance of biogenic hydrophobing agents is demonstrated in model systems and the hydrophobic effect is shown against paraffin as benchmark.