

Sustainable coatings solutions with Levasil® colloidal silica.

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Abstract

Levasil® colloidal silica is a waterborne additive for paint improving various properties as dirt-pick up resistance, open time, early rain resistance and hence increasing service-life of paint.

The use in sol-silicates paint is essential for obtaining biocide free and environmentally friendly paints. Energy saving from cool-roof coatings is also boosted by use of colloidal silica in such formulations.

The use of colloidal silica for boosting corrosion resistance in industrial sealers for metal coatings is well established and the use is now expanded into direct to metal coating.

The use in clear coat for improving anti-blocking and mechanical properties is well established in wood coatings and plastic film coatings.

All these examples either improves industrial process efficiency or end user performance giving either energy or material savings making sustainable coatings solutions. This is possible due to the broad product portfolio of Levasil® colloidal silica