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„Wax + water = dispersion? Additive free dispersions! “

Wax additives are a well-established product group for surface modification. Today's demand for green and sustainable coatings is a strong driver for water-based coatings. Apart from being solvent free, new water-based systems need to be low VOC and contain less surfactants. This trend makes it more difficult to properly disperse wax powders. Wax dispersions are an obvious solution but today's wax dispersions contain a numerous of additives like surfactants and defoamers, which potentially influence the final film properties and are an unwanted addition to any formulation.

With Deuteron's additive free dispersing technology, we offer the first wax dispersions that are free of any surfactants, silicones or other surface-active additives. Just wax and water is all it needs!