

AQUACER 528

Emulsion based on an ethylene-acrylic acid-copolymer wax for improving the surface properties of aqueous care products. Strong anti-slip effect and good foot traffic resistance.

Product data

Composition

Non-ionic emulsion based on ethylene-acrylic-acid copolymer wax

Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

pH value (20 °C):	9.5
Non-volatile matter (60 min, 125 °C):	35 %
Carrier:	water
Melting point (wax content):	110 °C
Viscosity (20 °C):	< 500 mPa·s
Delivery form:	liquid

Storage and transportation

Product shelf life in unopened original packaging: 15 months

Temperature sensitive. To be stored and transported between 5 °C and 35 °C. Stir before use.

Applications

Home care and I&I

Special features and benefits

AQUACER 528 is compatible with all known polymer dispersions, resin solutions, plasticizers, film building agents and surfactants. The wax emulsion gives a strong anti-slip effect and is characterized by a good dirt-repellent effect. The above-mentioned properties are generated by mixing AQUACER 528 with polymers in a ratio of 3:1 (solid wax to solid polymer). Mixing at a ratio of 1:6 increases the water and alcohol resistance, abrasion resistance (scuff resistance) and the protection against heel marking (foot traffic resistance).

Recommended use

AQUACER 528 is used in self-shine floor care products for flooring of all kinds.

Recommended levels

7-15 % additive (as supplied) based upon total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

The wax additive is preferably added under agitation after mixing the polymers with the plasticizers and water, but before incorporating surface-active substances.



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