AQUAMAT 1400

Aqueous wax dispersion on modified HDPE basis for matting aqueous floor polishes

Product Data

Composition
Dispersion of an oxidized HD polyethylene wax.

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

Non-volatile matter (60 min., 257 °F):	15.7 %
Melting point (wax content):	266 °F
Viscosity (73 °F, D=800/s):	< 50 mPa·s
pH value:	8.5

Food Contact Legal Status
For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Storage and Transportation
Temperature-sensitive.To be stored and transported between 5 °C / 41 °F and 35 °C / 95 °F.

Special Note
Mix well before use.

Applications

Floor polishes

Special Features and Benefits
AQUAMAT 1400 is used as a matting wax additive. This wax dispersion is highly compatible with the polymer matrix of standard floor polishes and gives a matt finish without showing increased gloss due to mechanical stress (e.g. polishing). AQUAMAT 1400 offers very good storage stability in the finished polish, without any settling or creaming. The additive has a dirt-repellent effect and adds filling capacity to the system. Abrasion resistance is improved, black heel markings are reduced, and the floor is quickly ready for foot traffic.

Recommended Use
AQUAMAT 1400 is used in matting floor polishes for all kinds of floorings, e.g. for hard substrates like stone, granite and marble, as well as soft floorings like parquet, PVC, linoleum and rubber.

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Recommended Levels

% additive (as supplied) based upon total formulation
5-40

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

The wax additive is preferably added by stirring after the polymers have been mixed with the plasticizers and water, but before the addition of surface-active substances.

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This issue replaces all previous versions – Printed in the USA