

# 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](http://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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