

# AQUACER 8333

Paraffin-based wax emulsion for aqueous coatings, printing inks as well as care products and polishes for improving water repellency and surface slip.

AQUACER 8333 is only available in USA, Mexico and Canada.

## Product Data

### Composition

Anionic emulsion of a modified paraffin wax

### Typical Properties

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

Non-volatile matter (ASTM 2834): 30 %  
Carrier: Water  
Melting point (wax component): 60 °C (140 °F)  
Viscosity (25°C, Brookfield DV-I): < 2,000 mPa·s  
pH value (ASTM E70): 10

### 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

Keep from freezing. To be stored and transported at a temperature between 5 °C (41 °F) and 35 °C (95 °F). AQUACER 8333 will begin to slowly separate on standing. However, it is easily reconstituted with mild agitation.

## Applications

### Coatings and Printing Inks

### Special Features and Benefits

The additive improves water repellency and anti-blocking in aqueous coatings; it also increases surface slip.

### Recommended Use

Architectural coatings	■
Leather coatings	■
Printing inks and overprint varnishes	■
Sealants and adhesives	■

■ especially recommended

### Recommended Levels

1-3 % additive (as supplied) based on the total formulation for coatings.

2-5 % additive (as supplied) based on the total formulation for printing inks.

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

### Incorporation and Processing Instructions

The additive is preferably incorporated into the coating with a low shear rate at the end of the production process. Stir well before use.

### Care Products and Polishes

#### Special Features and Benefits

AQUACER 8333 provides protection against abrasion and marks on the treated surface. Weather resistance is improved. The melting point of 60 °C (140 °F) means that AQUACER 8333 can easily be polished up using a soft terry cloth or microfiber cloth without the use of mechanical tools.

#### Recommended Use

AQUACER 8333 is used for maintaining and protecting coated surfaces as well as wood and metals.

#### Recommended Levels

1-25 % additive (as supplied) based on the total formulation.

A higher dosage is possible, however the polishability must be checked separately in this case.

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

### Incorporation and Processing Instructions

The additive can be incorporated during any stage of the production process while stirring. In accordance with the formulation, abrasives and pigments should be used before the addition of the paraffin wax emulsion. Surface-active substances must be added at the end of the production process, as otherwise there is a tendency to foam during production.



Additive Guide



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