

# DISPERBYK-2190

VOC- and APEO-free liquid wetting and dispersing agent for high-alkaline aqueous construction applications.

## Product Data

### Composition

Combination of surface-active substances

VOC-free  
< 1500 ppm  
APEO-free

### Typical Properties

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

Appearance: viscous liquid  
Density (20 °C): 1.12 g/ml  
Non-volatile matter (30 min., 150 °C): 100 %  
Flash point: >150 °C

### Storage and Transportation

Turbidity may occur during storage or transportation at temperatures below 10 °C. This turbidity has no influence on the effectiveness of the product. Warm up to 20 °C and mix well.

## Applications

### Construction chemical products

#### Special Features and Benefits

DISPERBYK-2190 is a highly efficient, liquid VOC- and silicone-free wetting and dispersing agent for use in mineral-based construction formulations. The additive is highly compatible with various mineral binder systems. Using DISPERBYK-2190 achieves the following positive properties in construction formulations:

- Unique wetting of powder components with no negative influence on the consistency and the rheological profile
- Accelerated, easier mixing with water
- Forms a homogenous, robust structure
- Improvement of workability properties
- Maintains consistency over a long period
- Does not affect the setting process
- Stabilization of pigments and fillers

## Recommended Use

Particularly suitable for aqueous construction recipes

- Screeds
- Leveling compounds
- Pumpable mortars

## Recommended Levels

0.1-0.5 % in mineral binder systems

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

## Incorporation and Processing Instructions

DISPERBYK-2190 can be added as supplied and can be easily incorporated into the aqueous medium. The product can be added to powder components. The application viscosity can be reduced by the addition of 10-20 % water or by heating up to 60 °C.



Additive Guide



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