SILICA-BASED MATTING AGENT

ACEMATT® OK 520

Medium-grained, wax treated precipitated silica

ACEMATT® OK 520

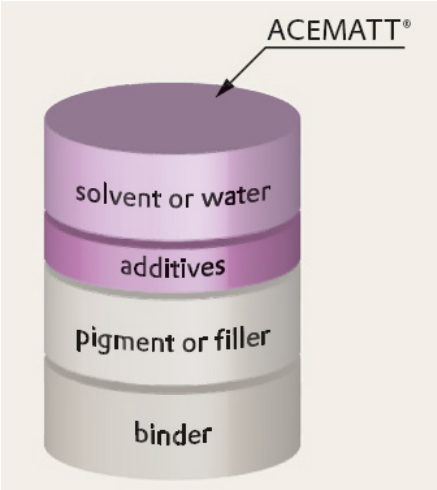
Universal, after-treated matting agent for almost all coatings and high-end applications with

- very good matting efficiency
- highest transparency
- optimum dispersing quality

Suitable for solvent- & waterborne systems as well as soft-touch formulations.

Especially suitable for waterborne systems due to its high transparency properties in clear coatings.

Easy to formulate & high dispersing quality



ACEMATT® OK 520 can be added to coating formulations in the latter steps of the production process.

- Post adjustment to the gloss level is possible anytime
- Easy to use in almost all coating systems
- Simple stir-in process with dissolver/paddle stirrer is sufficient
- High shear forces (bead mill) are not necessary and should be avoided

Click here for more information!

EVONIK Leading Beyond Chemistry

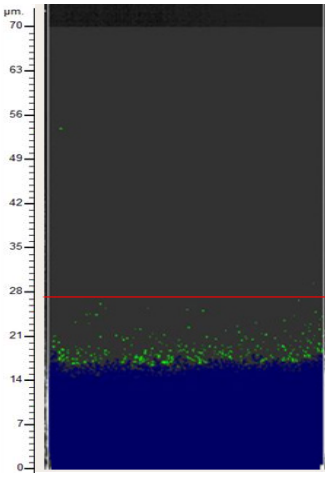
2021-02

Optimum dispersing quality in solvent- and waterborne systems

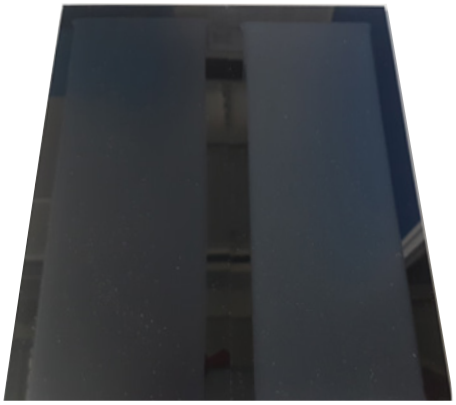
Due to the simple stir-in process with dissolver or paddle stirrer you achieve the following benefits:

- optimum dispersing quality
- fine cut of grindometer
- no coarse particles
- no filtration isssues
- no time consuming dispersing process or bead mill usage

Homogenization for 10 minutes within the final coating is generally sufficient and high shear forces are not necessary and should be avoided.

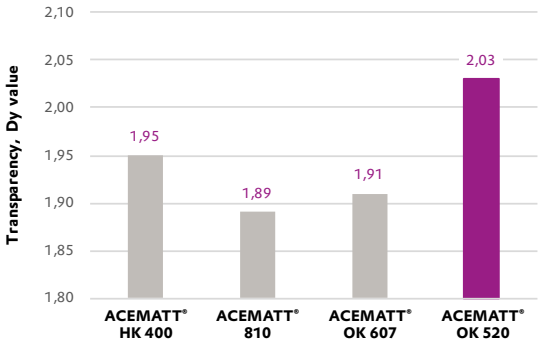


High transparency in solventborne & waterborne systems



High transparency
Dy: 2,03
ACEMATT® OK 520

Low transparency
Dy: 1,89
ACEMATT® 810
(used for pigmented system)



Used for pigmented systems

- tested in 1K-PU, wb clear coating
- transparency Dy is measured on matted clear coating with spectrophotometer
- values are not linear
- generally higher Dy value indicates higher transparency, but visual appearance may be influenced by substrates, flow and levelling

EVONIK OPERATIONS GMBH
Goldschmidtstraße 100
45127 Essen
Germany

Phone +49 201 173-2222
Fax +49 201 173-1939
coating-additives@evonik.com
www.coating-additives.com

EVONIK
Leading Beyond Chemistry