Matting agent

ACEMATT® HK 440

DESCRIPTION

ACEMATT® HK 440 is an untreated, extremely coarse particle sized precipitated silica. It is especially recommended for base coats, thick-film applications, and general industrial coatings.

KEY BENEFITS

- highly efficient
- very low sheen
- highly suitable for coil coatings

EFFECT

Matting efficiency

Transparency

Viscosity

Smoothness/Haptic

Sedimentation behavior

SUITABILITY

waterborne	solventborne
○	●
radiation-curing	**2-pack coatings**
◐	◐
high solids	**pigmented coatings**
●	●
clear coatings	
○	

○ not suitable ◐ partly suitable ● suitable

TYPICAL APPLICATIONS

- Coil coatings
- General industrial coatings
- Floor coatings
- Architectural paints

TECHNICAL DATA

DOA absorption	270 ml/100g
Grindometer value	43 µm
particle size, d_{50}	15.5 µm
pH-value	6.0
specific surface area (N_2)	500 m^2/g

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 1.5 - 5.0 %

PROCESSING INSTRUCTIONS

Addition to the coating as supplied or as a predilution is possible.

HANDLING & STORAGE

When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances.

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Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com

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