

Matting agent

ACEMATT® HK 450

DESCRIPTION

ACEMATT® HK 450 is an untreated, coarse particle sized precipitated silica. It is especially recommended for coil coatings, as well as 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
- Architectural paints
- Floor coatings

TECHNICAL DATA

DOA absorption	270 ml/100g
Grindometer value	33 µm
particle size, d ₅₀	10.5 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 - 7.0 %

PROCESSING INSTRUCTIONS

Addition to the coating as supplied or as a pre-dilution 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