

Matting agent

ACEMATT® HK 390

DESCRIPTION

ACEMATT® HK 390 is an untreated, very-fine-particle-sized matting agent based on precipitated silica. Due to its high compatibility, it can be used in a large variety of coatings. The improved orientation in coating systems effectively prevents mottling.

KEY BENEFITS

- high transparency
- super fine surface haptics
- universal usage in nearly all coating systems

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

- Car OEM coatings
- Plastic coatings
- Wood coatings
- General industrial coatings

TECHNICAL DATA

DOA absorption	330 ml/100g
Grindometer value	16 µm
particle size, d ₅₀	3.9 µm
pH value, 5% in water	6.6
specific surface area (N ₂)	255 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 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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