

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 predilution is possible.

HANDLING & STORAGE

For details regarding our packaging options for this product, please contact your local sales representative. Our products are inert and extremely stable chemically. However, due to their high specific surface area, they can absorb moisture and volatile organic compounds from the surrounding atmosphere. Therefore, we recommend storing the products in sealed containers in a dry, cool place, and removed from volatile organic substances. Even if a product is stored under these conditions, after a longer period it can still pick up ambient moisture over time, which could lead to its exceeding the specified moisture content. For this reason, our recommended use-by date is 24 months after date of manufacture. Products more than 24 months old should be tested for moisture content before use in order to make certain that it is still suitable for the intended application.

MSDS & REGULATORY INFORMATION



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