

Matting agent

ACEMATT® 590

DESCRIPTION

ACEMATT® 590 is an untreated, fine particle sized precipitated silica. It is especially recommended for general industrial coatings and coil coatings.

KEY BENEFITS

- excellent dispersibility
- high surface smoothness
- high matting efficiency
- low viscosity impact

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

- General industrial coatings
- Coil coatings

TECHNICAL DATA

DOA absorption	240 ml/100g
Grindometer value	21 µm
particle size, d ₅₀	5.5 µm
pH-value	6.8
specific surface area (N ₂)	275 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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Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com