

Matting agent

ACEMATT® 810

DESCRIPTION

ACEMATT® 810 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	275 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

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.

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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