

ACEMATT® matting agents

The best choices for your matting



ACEMATT® matting agents are high-performance silica developed for gloss reduction in a vast range of applications in the paints and coatings industry.

The ACEMATT® line contains a variety of products differing in morphology, particle size, and treatment. The following are a few best-in-class recommendations for matting agents in various applications.



ACEMATT® for Wood Coatings Applications

ACEMATT® matting agents are perfectly suited for wood coatings including floor, furniture and cabinet coatings. They provide the best in efficiency, clarity, and in-can stability, while allowing for good flow and leveling.

ACEMATT® TS 100 – Waterborne Systems
Best grade for optimum clarity with excellent in-can stability.

ACEMATT® OK 520
Good choice in both waterborne or solvent systems.

ACEMATT® 3300 – Solvent Systems
Best choice for high clarity and in-can stability with less effect on viscosity.

ACEMATT® 3400 – Solvent Systems
Same benefits as 3300, with smaller particle size, higher smoothness, and improved grind performance.



ACEMATT® for UV Coatings Applications

Gloss reductions in UV coatings can be very challenging due to the tendency of silica to increase viscosity in these systems. Also varying line speeds and curing conditions makes gloss reduction a challenge. These challenges can be met with the right choice of ACEMATT® matting agents.

ACEMATT® 3300 – Solvent borne UV
Best grade for high clarity, less impact on viscosity, and excellent in-can stability.

ACEMATT® 3400 – Solvent Systems
Same benefits as 3300, with smaller particle size, higher smoothness, and improved grind performance.

ACEMATT® 3600 – 100% Solids UV
Lowest impact on viscosity and high loading achievable. Excellent clarity and least impact on UV transmittance.

ACEMATT® TS 100 – Waterborne UV
Best grade for waterborne UV with high efficiency, minimal effect on UV transmittance, and excellent in-can stability.

 [Click here for more information!](#)



ACEMATT® for Coil Coatings Applications

Coil coatings typically require both a low gloss and a low sheen. ACEMATT® matting agents provide the perfect choices for these systems.

ACEMATT® 810 – Low Gloss and Sheen
Ideally suited for coil coatings providing efficient reduction of both gloss and sheen.

ACEMATT® HK 440 – Lowest Sheen
Provides the most efficient reduction in sheen due its large particle size.



ACEMATT® for Low VOC Coatings Applications

Strict VOC regulations require coatings that are higher in solids, or that contain exempt solvents. These systems tend to be more difficult to matte. Maintaining a useable viscosity can be challenging. ACEMATT® matting agents provide the perfect solutions for meeting these challenges.

ACEMATT® 3300 – for High Solids Systems and Systems Using Exempt Solvents
High matting efficiency, excellent in-can stability and clarity with less impact on viscosity.

ACEMATT® HK 440 – 100 % Solids Systems
Excellent efficiency with low impact on viscosity.

ACEMATT® 3400 – Solvent Systems
Same benefits as 3300, with smaller particle size, higher smoothness, and improved grind performance.



ACEMATT® for Soft Feel Coatings Applications

Applications such as cell phones, computers, and interior automotive components require coatings with high clarity and a haptic feel. Typically matting agents reduce this effect making it a challenge to formulate low gloss versions.

ACEMATT® 3300 – the top choice for Soft Feel applications
Due to its unique treatment, high matting efficiency, clarity, and stability can be achieved without a negative impact on the haptic feel.

ACEMATT® 3400 – Solvent Systems
Same benefits as 3300, with smaller particle size, higher smoothness, and improved grind performance.

ACEMATT® Product Information

Properties	Unit	HK 440	810	OK 520	TS 100	3300	3400	3600
Particle Size	µm	14.5	10.5	6.5	9.5	10.0	7.0	5.0
Treatment	–	Untreated	Untreated	Organic	Untreated	Organic	Organic	Organic

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