

Matting agent

# ACEMATT® HK 440

## DESCRIPTION

ACEMATT® HK 440 is an untreated, extremely coarse particle sized precipitated silica. It is especially recommended for base coats, thick-film applications, and 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
- Floor coatings
- Architectural paints

## TECHNICAL DATA

DOA absorption	270 ml/100g
Grindometer value	43 µm
particle size, d <sub>50</sub>	15.5 µm
pH-value	6.0
specific surface area (N <sub>2</sub> )	500 m <sup>2</sup> /g

## RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 1.5 - 5.0 %

## 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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