Specialty filler

SIPERNAT® 800

DESCRIPTION

SIPERNAT® 800 is a precipitated synthetic sodium aluminosilicate that is manufactured in the USA. It is a versatile, cost-effective titanium dioxide extender for paints and coatings applications.

KEY BENEFITS

- improved gloss reduction
- improved dry opacity
- improved washability and scrub resistance

EFFECT

Dry Opacity

Washability and scrub resistance

Gloss reduction

SUITABILITY

direct grind	solventborne
●	●

waterborne
●

○ not suitable ◐ partly suitable ● suitable

TYPICAL APPLICATIONS

- High PVC architectural interior paints
- High hiding wall primers
- DIY paints applied using brush, spray, or roller
- Low-sheen premium quality wall paints
- Breathable facade and concrete coatings

TECHNICAL DATA

delivery form	free-flowing powder
DOA absorption	120 ml/100g
loss on drying	6 %
particle size, d_{50}	8 µm
pH value, 20% in water	7
specific gravity	2.0
specific surface area (BET)	125 m^2/g

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.5 - 5 %

PROCESSING INSTRUCTIONS

- Addition to the coating as supplied, preferably at the grinding stage.
- Addition into grind preferably before adding TiO_2.

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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