

Specialty filler

SIPERNAT® 820 A

DESCRIPTION

SIPERNAT® 820 A is a precipitated synthetic silicate with exceptionally bright clean color. SIPERNAT® 820 A has highly structured particles that provide film reinforcement, TiO₂ spacing, sheen uniformity, and excellent dry opacity.

KEY BENEFITS

- very good dry opacity
- very good gloss reduction
- 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	155 ml/100g
loss on drying	7 %
particle size, d ₅₀	7 µm
pH value, 20% in water	10
sodium sulfate content	0.5 %
specific gravity	2.1
specific surface area (BET)	85 m ² /g

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.5 - 5 %

PROCESSING INSTRUCTIONS

- It is recommended that this product be added, as supplied, to the grind.
- Addition into grind preferably before adding TiO₂.

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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