

Specialty filler

ZEOFREE® 600

DESCRIPTION

ZEOFREE® 600 is a specialized precipitated synthetic calcium silicate with exceptionally high absorptive capacity. ZEOFREE® 600 has highly porous particles, making it an ideal carrier to deliver liquid materials in powder form or to impart uniquely absorptive qualities to the paint film.

KEY BENEFITS

- scavenger for leachable solubles in the film
- carrier for timed release of liquid ingredients
- carrier to compatibilize liquid ingredients
- anti-caking and free flow agent for powders

SUITABILITY

solventborne



direct grind



waterborne



● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Architectural deep tinted colors
- Stain-absorbing, stain-concealing primers
- Breathable facade and concrete coatings
- Specialty applications

TECHNICAL DATA

delivery form	free-flowing powder
oil absorption	> 450 ml/100g
loss on drying	10 %
particle size, d ₅₀	8 µm
pH value, 5% in water	10
specific gravity	2.1
specific surface area (BET)	250 m ² /g

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 1 - 5 wt-%

PROCESSING INSTRUCTIONS

It is recommended that this product be added, as supplied, to the grind.

HANDLING & STORAGE

When stored in its original unopened packaging, the product has a shelf life of 36 months from the date of manufacture. Evonik precipitated silicate products are extremely chemically stable. However, precipitated silicates, including this product, can absorb moisture and/or volatile organic compounds from the surrounding atmosphere. Therefore, we recommend storage in original sealed packaging and in a dry, cool place and removed from volatile organic substances. Even if a product is stored under these conditions, over periods of time the material may still pick up enough moisture to exceed the moisture content that is specified "as packaged" or at the time of packaging.

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