

5800

Acrylic-Styrene Copolymer Emulsion

Product Description

5800 is an acrylic-styrene copolymer emulsion designed for water-based color steel tile renovation coatings.

Product Features

- High gloss and excellent color development properties.
- Outstanding early water resistance, salt spray resistance, and chemical corrosion resistance.
- Balanced hardness and flexibility, exhibiting excellent adhesion to various substrates.

Physical Properties*

Properties	Value	Unit	Test Method
Appearance	Milky white liquid with a slight blue tint	—	Visual
Solid Content	47 ± 1	wt%	GB/T 20623-2006
pH	6.0 - 8.0	—	GB/T 20623-2006
Viscosity	1000 - 4000	CPS	Brookfield DV-S, 4#, 30rpm, 25°C

Glass Transition Temperature (TG)	22	°C	—
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*Note: *The properties listed above represent typical results only and should not be construed as product specifications. Please refer to the specific Certificate of Analysis (COA) for official specifications.*

Storage

Please store this product in a cool, dry place away from direct sunlight. The storage temperature should be maintained between 5°C and 35°C, keeping the original packaging completely intact. The shelf life of this product is six months from the date of manufacture. If the product exceeds its shelf life, a performance evaluation is highly recommended before use. Once the packaging is opened, it is recommended to filter the emulsion properly before application and consume it as quickly as possible.

Disclaimer

Shandong Sanjia Polymer Material Co., Ltd. strongly recommends that customers handle and use this product safely and rationally in accordance with the detailed information provided in the Material Safety Data Sheet (MSDS). While we believe the recommendations and data contained herein are true and reliable, the contents of this Technical Data Sheet are provided for reference purposes only. We offer no warranties, whether express or implied, regarding product characteristics, applications, quality, safety, product specifications, merchantability, or fitness for a particular purpose.

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