

**SYNERGY &
PROSPERITY**
Synergy & Prosperity Building Material Trading LLC
Product Page
Quartz Wall Paint

Product Introduction

Quartz texture wall coating utilizes engineered mineral aggregates bound by high-performance copolymers to create seamless, decorative outdoor and indoor surfaces. The system consists of three primary components: an anti-alkali primer, quartz aggregate base coat, and protective topcoat. This formulation achieves 10-20 times greater thickness than conventional paints, providing enhanced protection against environmental stressors while maintaining aesthetic appeal.

The quartz aggregates (1.5-2.0 mm particle size) are coated with UV-stable pigments, ensuring color retention for over a decade under intense sunlight. The binder system utilizes acrylic or polyurethane resins depending on specific performance requirements, offering flexibility in formulation for different climate conditions.

Highlights

- **Natural Stone Aesthetics:** Delivers a rich, multi-dimensional finish using colored quartz aggregates for a timeless, elegant appearance.
- **Superior Durability:** Withstands extreme temperatures (−40°C to 80°C) and harsh weather, maintaining performance and color for over 10 years.
- **Exceptional Elasticity:** Flexible formulation prevents hairline cracks by accommodating minor substrate movement.
- **UV and Chemical Resistance:** Resists fading, yellowing, and alkali attack, ensuring long-lasting color stability and protection.
- **Breathable Yet Water-Resistant:** Allows moisture vapor to escape while blocking rainwater, preventing paint failure and substrate damage.
- **Ready-to-Use Paste:** Easy trowel application with a typical coverage of 1.5–2.0 kg/m² and a dry film thickness of 1.5–2.0 mm.
- **Low Maintenance:** Surface remains clean and vibrant with minimal upkeep, ideal for both residential and commercial exteriors.

Application Scope

Suitable for interior and exterior walls.

Product System

Type	Product Name	Application Method
Primer	Anti-Alkali Primer	1 coat, roller
Main Coat	Quartz Coating	2 coats, trowel
Topcoat	Protective Topcoat	1 coat, roller/spray

Construction

1. **Substrate Inspection and Preparation:** Verify structural integrity (minimum 2500 psi compressive strength), removing loose particles and contaminants. Fill fractures >1mm width with elastic polyurethane sealant.
2. **Primer Application:** Dilute the primer with 15–20% water, mix thoroughly, and apply one even coat with a roller.
3. **Coat Application:**
 - Apply the first coat of the quartz wall coating with a stainless-steel trowel, spreading thinly and evenly. The thickness should be 1-1.5x that of the quartz particles.
 - Once dry, apply a second thin coat. The thickness should be 2-3x that of the quartz particles.
4. **Topcoat Application:** Apply a coat of the protective topcoat using a roller or spray for enhanced protection and durability.

Technical Notes

- **Application Environment:** Apply at temperatures between 5–35°C and relative humidity ≤85%. Ensure good ventilation for interior work. Do not apply exterior coatings during rain, snow, fog, or strong winds.
- **Storage:** Store in a cool, dry place at 5–35°C with containers tightly sealed.
- **Tool Cleaning:** Clean tools with water immediately after use. Seal and store any unused material properly.

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Photos



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