

Elastocolor Texture

Water-Based, High-Build, Acrylic, Textured Coating



DESCRIPTION

Elastocolor® Texture is a specially designed coating for use on exterior, above-grade, new and previously coated concrete and masonry surfaces. *Elastocolor Texture's* unique blend of aggregates produces an attractive, high-build, textured finish. It is ideal for use on restoration projects to reduce the appearance of surface imperfections and repairs or wherever a uniform textured finish is desired. *Elastocolor Texture* remains highly flexible and offers excellent filling properties and adhesion to prepared substrates.

FEATURES AND BENEFITS

- Highly flexible, vapor-permeable finish to allow the passage of water vapor into and out of the substrate
- Available in an unlimited range of colors
- High-build texture that improves aesthetics over irregular substrates
- Suitable for use on all cementitious substrates including EIFS systems, stucco, concrete, concrete masonry units (CMUs), cement board and a variety of other building materials
- UV-resistant for better color retention

WHERE TO USE

- Concrete, EIFS systems, stucco, CMUs, cement board and fiber-reinforced polymer (FRP)
- Above-grade exterior surfaces

- For enhancing aesthetics over repairs or irregular substrates and for general protection
- For use on new and previously coated substrates

Consult MAPEI's Technical Services Department for installation recommendations regarding any substrates and conditions not listed.

SUITABLE SUBSTRATES

- Clean, sound, stable, frost-free and fully cured concrete, CMUs, stucco, brick-mortar and acrylic textured finishes

SURFACE PREPARATION

- Substrates should be clean and free of dirt, residue, oils, grease, curing compounds, laitance and any contaminant that may interfere with adhesion, and should be prepared using engineer-approved methods.
- Remove unsound masonry by wire brushing or mechanically chipping away material to provide a firm surface.
- On previously painted surfaces exhibiting excessive chalking, use *Elastocolor Primer WB*.
- New stucco or mortar should be allowed to cure for 3 days before application of *Elastocolor Texture*. For poured-in-place concrete, allow 7 days of curing before application. In both cases, after the required curing times, prime with *Elastocolor Primer AR*.

MIXING

Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details.

- Slowly stir *Elastocolor Texture* to ensure uniformity and minimize air entrapment.
- *Elastocolor Texture* is ready to use. Do not dilute.

PRODUCT APPLICATION

Read all installation instructions thoroughly before beginning application. Contact MAPEI's Technical Services Department for more detailed recommendations.

1. Air, material and substrate temperatures during application must be between 40°F and 95°F (4°C and 35°C).
2. Apply *Elastocolor Texture* by roller or texture sprayer directly to the prepared substrate.
3. Apply *Elastocolor Texture* to achieve a wet film thickness (WFT) of 20 to 23 mils, or 70 to 80 sq. ft. per U.S. gal. (1.71 to 1.96 m² per L), per coat.
4. Additional applications may be required to achieve the desired textured effect.
5. Ensure that the application is always worked to a natural break and that a wet edge is maintained throughout the application.
6. a. For roller application: Use a 3/8" to 1/2" (10 to 12 mm) nap roller cover. Always keep the roller loaded and moving slowly to ensure effective transfer of aggregate.
b. For spray application: Use an appropriate texture sprayer or hopper gun.

CLEANUP

- Clean tools and equipment immediately after use with water. Dried material may require mechanical means for removal.

LIMITATIONS

- Do not apply *Elastocolor Texture* when ambient or substrate temperatures are below 40°F (4°C) or expected to fall below 40°F (4°C) within 24 hours, or when these temperatures are higher than 95°F (35°C).
- Do not apply *Elastocolor Texture* if the relative humidity is higher than 90%.
- Do not apply *Elastocolor Texture* on horizontal traffic-bearing surfaces.
- Do not use *Elastocolor Texture* where hydrostatic pressure from the back or underside of the substrate may be present.
- Protect *Elastocolor Texture* from freezing and discard it if it freezes.
- Do not use *Elastocolor Texture* in total immersion or when it is subject to migrating moisture or rising dampness.
- Substrates must be dry before application of *Elastocolor Texture*. Allow substrates sufficient time to dry after rain; at least 24 hours of drying time is recommended.

Product Performance Properties

Laboratory Tests	Results
Appearance – ASTM D523	Flat < 5 @ 60
Weight per volume	12.6 ± 0.5 lbs. per U.S. gal. (1.51 g per cm ³)
Solids, by weight	67.75 ± 1.0%
Solids, by volume	51.3 ± 1.0%
Water-vapor permeance – ASTM D1653	16.3 perms
Adhesion to concrete – ASTM D7234	175 psi (1.21 N/mm ²)
Mandrel bend test – ASTM D522, 3/8" (10 mm)	Passed (no cracking)
Tensile strength – ASTM D2370	27.07 psi (0.19 MPa)
Elongation (at break) at 73°F (23°C) and 50% relative humidity – ASTM D2370	86.9%
Impact resistance – ASTM D2794	Intrusion 80 in/lbf (9.04 Nm) Extrusion 60 in/lbf (6.78 Nm)

Shelf Life and Product Characteristics

Shelf life	1 year when stored in original, unopened packaging at 73°F (23°C)
Consistency	Heavy, viscous liquid
Color	2 tint bases (pastel and medium) and 19 MAPEI standard colors available – or an unlimited color range using MAPEI's ColorMap™ automatic color-matching system
VOCs (Rule #1113 of California's SCAQMD)	< 50 g per L when tinted with low- or zero-VOC colorants

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

Application Properties

Drying time at 73°F (23°C) and 50% relative humidity

Dry to the touch	2 hours
Before recoating or applying topcoat	4 hours
Until full cure	24 hours

CSI Division Classifications

Painting and Coating	09 90 00
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Packaging

Size	Pail: 5 U.S. gals. (18.9 L)
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Approximate Coverage*

Thickness (wet film and dry film)	Coverage
20 mils WFT or 10.2 mils dry film thickness (DFT)	80 sq. ft. per U.S. gal. (1.96 m ² per L)
23 mils WFT or 11.7 mils DFT	70 sq. ft. per U.S. gal. (1.71 m ² per L)

* Coverage varies depending on the surface porosity and texture of the surface as well as on job requirements.

ADDITIONAL INFORMATION

Refer to the SDS for specific data related to health and safety as well as product handling.

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

CONTACT INFORMATION

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Customer Service

1-800-42-MAPEI (1-800-426-2734)

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For the most current product data and BEST-BACKEDSM warranty information,
visit www.mapei.com.

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