

# Technical Bulletin #2.20 ELASTICOAT MEDIUM finish coat

## DESCRIPTION

- Adex ELASTICOAT finish coat is an elastomeric trowel-applied, factory-mixed architectural wall coating available in 300 standard colors as well as custom colors (upon request).
- Provides a medium pebbled, very flexible finish. Creates a more durable, color consistent, and water repellent surface versus standard cementitious stucco finishes.
- Refer to the Adex Texture Chart or visit [www.adex.ca](http://www.adex.ca) to view the wide variety of Adex finish coats available

## USE

- ELASTICOAT finish coat provides a textured, colored surface for interior/ exterior applications where enhanced bridging of hairline cracks is required (such as, over a stucco basecoat).

## CHEMISTRY

- Pure acrylic emulsion binder containing white aggregates and aggregate fillers, free from lime and cement.

## PIGMENTATION

- Titanium dioxide and high quality colorants.
- Adex finish coats are available in two bases; ACCENT (303) base and REGULAR (103) base. ACCENT base is used to tint dark, pigment-rich colors and REGULAR base is used to tint lighter, pastel colors.

## PACKAGING

- 19 litre plastic pail containing 30 kg (66 lbs) of product.

## MIXING

- Thoroughly mix with a clean, rust-free electric drill and paddle mixer.
- A small quantity of clean, potable water may be added to the finish coat to adjust its viscosity.

## COVERAGE

- Approximately 9.3 m<sup>2</sup> to 10.7 m<sup>2</sup> (100 ft<sup>2</sup> to 115 ft<sup>2</sup>) per pail

- Coverage is approximate and varies based on the substrate, job conditions and the individual application techniques.

## APPLICATION

- Using a clean, stainless steel trowel, apply a small amount of ELASTICOAT finish coat to a thickness slightly greater than the largest aggregate. Next, scrape the trowel back across the finish coat to create an even application the same thickness as the largest aggregate.
- After the finish coat has been trowelled, use a clean plastic or stainless steel float in a circular, or figure-8 motion to achieve the desired final texture. Always maintain a wet edge, finishing towards a corner, joint or architectural break in the wall.
- On larger wall surfaces, work in teams; one applying the finish coat and the other floating the final texture. Do not allow cold joints to occur in the middle of a wall.

### Accelerated Weathering

ASTM G-155

No damage after 2000 hrs

### Durability under Environmental Cyclic conditions

CCMC TG Appendix A3

Pass.

### Salt Spray Resistance

ASTM B 117:

No Deterioration.

### Mold Resistance

CCMC 6.8:

Pass.

### Vapour Permeability

ASTM E96 Method A:

10,7 perms (622 ng/Pa·s·m<sup>2</sup>)

### Bond Strength

ASTM C297 (Dry state):

58 psi (0,4 MPa).

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<b>Flexibility</b>
ASTM D522:
Pass. 1/8" Mandrel at 23°C
<b>Water absorption</b>
CCMC 6.7:
Pass.
<b>Impermeability to water</b>
CCMC 6.6:
Pass.
<b>Impact resistance</b>
ASTM D5420:
Pass. No perforation

- Properties
- Test Method
- Result

## CLEAN UP

- Immediately wash tools with water while material is still wet. Hardened material will have to be removed physically.

## CURING

- Approximately 24 hours under normal climatic conditions.
- Curing time varies according to the ambient and surface temperature, and the relative humidity. Final curing is achieved after 2 weeks.

## STORAGE

- Protect material from direct sunlight, extreme heat and freezing temperatures.
- Store unused material in a container with a tight-fitting lid.

## SHELF LIFE

- Minimum 12 months if properly stored in an airtight container.

## LIMITATIONS

- Ambient and surface temperatures must be kept at or above 5°C (41°F) and below 35°C (95°F) for a minimum of 24 hours.
- During installation, minimise the containers' exposure to extreme heat (temperatures over 32 °C (90 °F)).

## RESTRICTIONS

- ADEX finish coat must not be applied onto horizontal exterior surfaces or onto surfaces directly in contact with moisture over prolonged periods.
- The minimum slope of the surface must be 6:12.
- Do not apply finish coat into sealant joints or onto surfaces to which caulking will be installed.
- ADEX finish coat must be installed on a substrate that has been approved by ADEX Systems Inc.

## MAINTENANCE

- Please refer to our MAINTENANCE GUIDE bulletin.

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