

### DESCRIPTION

- ULTRAFLEX MICRO finish coat is an elastomeric trowel-applied, factory-mixed architectural wall coating available in standard colors as well as custom colors (upon request).
- Provides a very flexible finish with a smooth, sand appearance with a slight micro-texture. Creates a more durable, color consistent, and water repellent surface versus standard cementitious stucco finishes.

### USE

- ULTRAFLEX MICRO 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.
- ULTRAFLEX MICRO finish coat is available in two bases; ACCENT (300-series) base and REGULAR (100-series) base. ACCENT base is used to tint darker, 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.
- When adding a TINT BOTTLE, follow these procedures:
  - a) Check the TINT BOTTLE label to ensure it reads the same as the product (and base) it is being added to.
  - b) Shake the bottle thoroughly and pour the contents into the corresponding full pail of "white" base product.
  - c) Fill the emptied bottle approximately half-full with clean water. Shake and add the rinsing to the pail. Repeat

the rinsing process if necessary and thoroughly mix to a consistent color.

- Follow the same mixing procedures for each pail to ensure uniform color and consistency.

### COVERAGE

- Up to 22.8 m<sup>2</sup> (245 ft<sup>2</sup>) per pail
- Coverage is approximate and varies based on the substrate, job conditions and the individual application techniques.

### APPLICATION

- It is recommended to apply ULTRAFLEX MICRO finish coat in a two-coat application. Using a clean, stainless steel trowel, apply a small amount of ULTRAFLEX MICRO 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. Allow to dry.
- Apply the second coat in the same method as the first. After the second coat has been levelled, 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.
- On smooth substrates without planar irregularities, it may be possible to install ULTRAFLEX MICRO in one-coat. It is recommended to install a coat of Adex PRIMEX primer on all one-coat applications

#### 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.

<b>Mold Resistance</b>
CCMC 6.8:
Pass.
<b>Vapour Permeability</b>
ASTM E96 Method A:
10,7 perms (622 ng/Pa·s·m <sup>2</sup> )
<b>Bond Strength</b>
ASTM C297 (Dry state):
58 psi (0,4 MPa).
<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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