

### DESCRIPTION

- ADEX CRYSTAL 100 series liquid coat is factory-mixed architectural wall coating that provides a colored surface with a metallic effect.
- ADEX CRYSTAL 300 series liquid coat is factory-mixed architectural wall coating that provides a colored surface lustrous sheen.

### USE

- CRYSTAL liquid coat is installed over an Adex finish coat such as Mistral, Monaco or Siena (see the adex.ca website for a complete list of finish coats available)
- For exterior and interior use.

### CHEMISTRY

- 100% acrylic polymer.

### PACKAGING

- 19 litre container.

### COVERAGE

- On Mistral Finish
  - Approximately 90 m<sup>2</sup> (970 ft<sup>2</sup>) per pail for the first coat.
  - Approximately 123 m<sup>2</sup> (1322 ft<sup>2</sup>) per pail for the second coat.
- On flat primed surface
  - Approximately 232 m<sup>2</sup> (2500 ft<sup>2</sup>) per pail for the first coat.
  - Approximately 163 m<sup>2</sup> (1750 ft<sup>2</sup>) per pail for the second coat.
- Coverage may vary based on the substrate, job conditions and the individual application techniques.

### SURFACE PREPARATION

- Surfaces must be clean, dry, and in good condition, without efflorescence, grease, oil, paint, liquid-sealer or other bond-inhibiting substances.
- Prior to application, remove all loose material and repair all surfaces that are damaged or show the risk of delamination.

- When cleaning surfaces, a TSP-based cleaning solution is recommended.
- Surface temperatures must not be below 5°C (41°F).
- All cement-based substrates must have a mandatory 1-month curing process before CRYSTAL liquid coat is applied.
- For ADEX CRYSTAL 100, a matching colour PRIMEX NG primer must be used if the substrate is of a different colour.

### APPLICATION

- Prior to installation, thoroughly agitate CRYSTAL or mix with a clean paddle mixer and electric drill. Periodically remix the product to avoid separation.
- CRYSTAL is applied using a paintbrush, roller, or an airless spray gun.
- A small amount of water can be added to adjust the viscosity when applied with a spray gun.
- A minimum of two coats of CRYSTAL is necessary. Allow each coat of CRYSTAL to properly dry between applications.
- **Important:** When rolling, the last roller strokes must all be done in the same direction to achieve a uniform finish; Top to bottom or bottom to top but not both.

#### Vapour Permeability

ASTM E96-95:

400 ng/Pa·s·m<sup>2</sup> (7 perms)

#### Accelerated Weathering

ASTM G-155

No damage effect after 2000 hours

- 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

- CRYSTAL liquid coat is dry to the touch after 3 hours under normal climatic conditions [21°C (70°F) & 50% RH] and completely dry after 12 hours. The surface may remain slightly tacky until exposed to sunlight (ultraviolet light) which engages METALLEX's dirt pickup resistance.
- Drying time is dependent upon the ambient temperature, substrate temperature, and the relative humidity. Allow for increased drying times during cool and/or humid conditions.
- Protect from rain and freezing temperatures until fully dry.

### 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

- Do not apply over surfaces that are too hot or in direct contact with sunlight.
- Ambient and surface temperatures must be at or above 5 °C (41 °F) for a minimum of 24 hours.
- During installation, minimise the containers' exposure to extreme heat (temperatures over 32 °C (90 °F)).

### RESTRICTIONS

- 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.
- CRYSTAL liquid 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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