

DESCRIPTION

- ADEX SIENA is a free-form finish coat, trowel-applied in a two-coat (minimum) application used to achieve a flat wall surface. It is available in 300 standard colours as well as custom colours (upon request). Refer to the ADEX Texture Chart or www.adex.ca to view the wide variety of ADEX finish coats available.
- NOTE: The final appearance of ADEX SIENA is non-uniform, similar to 'suede' or 'floated concrete'. For uniform colour and texture, coat with an approved ADEX LIQUID COAT.

USE

- SIENA finish coat provides a micro-textured, coloured surface for exterior or interior applications.

CHEMISTRY

- 100% acrylic polymer.

PIGMENTATION

- Titanium dioxide and high quality colorants.

PACKAGING

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

COVERAGE

- SIENA primary coat:
Approximately 26.9 m² to 28.8 m² (290 ft² to 310 ft²) per pail.
- SIENA second coat:
Approximately 31.6 m² to 33.4 m² (340 ft² to 360 ft²).
- Coverage is approximate and varies 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 or other bond-inhibiting substances.
- Surface temperatures must not be below 5 °C (41 °F).
- ADEX recommends the use of PRIMEX coloured primer with all finish coat applications. Primex enhances the workability and appearance of all finish

coats and helps reduce suction of the substrate.

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 an Adex 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 Adex "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.

APPLICATION

- Using a clean, stainless steel trowel, apply a small amount of SIENA 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 SIENA coat has been trowelled, use a clean plastic or stainless steel float in a circular, or figure-8 motion to knock down any high spots or irregularities in the finish.
- Allow the SIENA primary coat to dry for a period of 24 hours.
- Inspect the SIENA application and rasp/knock down any areas rough areas that may hinder the application and appearance of the second finish coat.
- Apply the second coat as an even coat, approximately 1.6 mm (1/16") in thickness and pull it tight to the primary coat.
- Always maintain a wet edge, finishing towards a corner, joint or architectural break in the wall.
- Immediately float the second coat of SIENA to create the final appearance. Use a clean plastic or stainless steel float

in a circular, or figure-8 motion to knock down any high spots or irregularities in the finish.

NOTE: For a flat, smoother finish, float the material using a stainless steel trowel. This will move the aggregate less and consolidate the final visual appearance.

For a rougher, suede-like finish, float the material using a plastic texturing float. This will move the aggregate more, resulting in a less uniform appearance.

- The unique, final appearance of SIENA will contain variations of smooth and rough visuals (mottled effect) similar to floated concrete (see image below). For a more uniform colour appearance, coat with an ADEX LIQUID COAT, such as REVIFLEX or ELASTOMEX.



- 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 D 822 (exposed 2,500 hours):

Pass.

Salt Spray Resistance

ASTM B 117 (exposed 300 hours):

Pass.

Freeze-Thaw Resistance

ASTM C-666, A (50 cycles):

No Deterioration.

Mildew Resistance

U.S. Military Standards 810E:

Pass.

Vapour Permeability

ASTM E96-95:

437 ng/Pa·s·m²

- 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 at or above 5 °C (41 °F) for a minimum of 24 hours.
- The SIENA finish coat must be installed in the shade and protected from direct sunlight
- 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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April 2021