

DESCRIPTION

- ADEX ADHESIVE MORTAR is a versatile mortar/grout coat designed for use in the ADEX BRIK-TEX Finish System. It is available in 6 standard colours as well as custom colours (upon request). Refer to www.adex.ca for details on ADEX ADHESIVE MORTAR and BRIK-TEX and its compatible components.

USE

- ADHESIVE MORTAR serves as a durable bonding layer in the Brik-Tex finish system for exterior or interior use.
- ADEX ADHESIVE MORTAR must be installed on a substrate approved by ADEX Systems Inc.

CHEMISTRY

- 100% acrylic polymer.

PIGMENTATION

- Titanium dioxide and high quality colorants.

PACKAGING

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

COVERAGE

- Approximately 26.9 m² to 28.8 m² (290 ft² to 310 ft²) per pail.
- Approximately 14.9 m² (160 ft²) when using a 5/32" notched trowel.
- 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 ADEX ADHESIVE MORTAR to a thickness slightly greater than the largest aggregate. Next, scrape the trowel back across to create an even application the same thickness as the largest aggregate.
- After the ADHESIVE MORTAR 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 primary coat to dry for a period of 24 hours.
- Inspect the application and rasp/knock down any rough areas that may hinder the application and appearance of the second coat.
- 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 ADHESIVE MORTAR 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·m ²

 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 ADHESIVE MORTAR 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 ADHESIVE MORTAR 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.
- ADEX ADHESIVE MORTAR 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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