

ARCHITECTURAL FINISH

PRODUCT No. 1220-55

DIVISION 3

Maintenance of Concrete
03 01 00

PRODUCT DESCRIPTION

QUIKRETE® Architectural Finish is a polymer modified, Portland cement based repair material designed to provide a smooth finish to tilt-up wall panels, pre-cast or poured concrete and masonry surfaces from feather edge to 1/4" (6mm) thickness.



PRODUCT USE

Architectural Finish mixes to a smooth consistency and can be applied with a trowel, float or sponge. The Finish may be sanded when dry. Typical applications include:

- Repair surface defects such as honey comb, bug holes, spalls and chips
- Filling drying-shrinkage cracks in concrete and stucco
- Above or below-grade repair

SIZES

- 40 lb (18.1 kg) bags

YIELD

A 40 lb (18.1 kg) bag yields approximately 0.34 cu ft (9.6 L) when mixed to a mortar consistency; it will cover approximately 32 square feet (3 M2) at 1/8" (3 mm) thickness.

TECHNICAL DATA

PHYSICAL/CHEMICAL PROPERTIES

QUIKRETE Architectural Finish when tested in accordance with ASTM procedures provides typical results as listed in Table 1.

TABLE 1 - Architectural Finish Physical Properties

Compressive Strength (ASTM C109)
28 days - 3000 psi (20.7 MPa)

INSTALLATION

WORKING TIME

When mixed to a mortar consistency under laboratory conditions, QUIKRETE® Architectural Finish exhibits a working time of 10 to 20 minutes.

SURFACE PREPARATION

Old concrete must be rigorously cleaned to ensure proper adhesion of Architectural Finish to the old surface.

Manual Cleaning of Debris from Surface

- Wash, sweep, scrape, chip or grind the surface to remove loose concrete and foreign materials such as paint, greasy residue, algae, mildew or other materials which may be stuck to the old surface.

Pressure Washing

- Clean the surface using a 3500-psi (24 MPa) pressure washer; Hold the wand a few inches from the surface to strip away all foreign and loose materials; Follow pressure washer manufacturer's instructions as to safe operation and effective use.

MIXING

QUIKRETE® Architectural Finish can be mixed in bucket with a 1/2" (12 mm) drill and paddle-type mixer. Add approximately 11 pints (5.3 L) of clean mixing water into the mixing container for each 40-pound (18.1 Kg) bag. Slowly pour the contents of the bag(s) into the mixing water. Mix until a workable consistency is achieved. If more water is needed, add small amounts at a time and continue to mix until the desired consistency is achieved. Do not exceed a total volume of 14 pints (6.7 L) of water for each 40 pound (18.1 Kg) bag. Mix only as much material as can be applied in 20 minutes.

APPLICATION

QUIKRETE® Architectural Finish can be applied with a steel trowel, sponge or with a float. Saturate the surface and remove any standing water from low places. Force a thin layer of material into the surface with heavy trowel pressure to fill in all surface defects. A rubber float or damp sponge can be used to retouch the surface as it begins to harden. The repaired surface can be sanded once final set is achieved. For larger deep applications, use QUIKRETE® Quick Setting Cement (No. 1240) with Concrete Acrylic Fortifier (No. 8610).

CURING

Under normal conditions, no special curing is required. With cool temperatures, allow longer curing time prior to use. QUIKRETE® Architectural Finish can be paired with latex paint or water-based sealer once the material is hardened and dry.

PRECAUTIONS

- Do not apply when temperatures are below 40°F (4°C) or are expected to drop below 32°F (0°C) within 24 hours
- In hot weather, use cool mixing water to lengthen setting time
- Do not use with polymer modifiers or additives
- Color may vary due to retempering

AVAILABILITY

QUIKRETE® Architectural Finish is available at leading concrete construction supply houses and distributors. Contact QUIKRETE® Construction Products representative for the name of the nearest dealer.

WARRANTY

The QUIKRETE® Companies warrant this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The QUIKRETE® Companies in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

MAINTENANCE

None required.

TECHNICAL SERVICES

The QUIKRETE® Companies maintain technical field representatives throughout the country. Contact a local distributor for the name and number of the nearest representative, or call QUIKRETE® Construction Products.

The QUIKRETE® Companies
One Securities Centre
3490 Piedmont Rd., NE, Suite 1300
Atlanta, GA 30305
(404) 634-9100
Fax: (404) 842-1425

** Refer to www.quikrete.com for the most current technical data, MSDS, and guide specifications*



www.quikrete.com