



BASE COAT STUCCO – PUMP GRADE

DIVISION 9

PRODUCT NO. 1139-86

09 24 00 Portland Cement
Plastering

PRODUCT DESCRIPTION

QUIKRETE® Base Coat Stucco – Pump Grade is a flowable, high workability plaster specifically designed for spray and trowel applications.

PRODUCT USE

QUIKRETE® Base Coat Stucco – Pump Grade is an alkali-resistant (AR) glass fiber reinforced portland cement based plaster, designed to be used as the scratch and/or brown coat in a 3-coat stucco application, or the first coat in a 2-coat application, or used as a one coat application per IAPMO UES ER-455. This product contains special additives which prevent premature loss of mixing water and provide increased workability.



SIZES

- 80 lb (36.2 kg) bag
- 3000 lb (1360 kg) bulk bag (“super sack”)

YIELD / COVERAGE

- An 80 lb (36.2 kg) bag of QUIKRETE® Base Coat Stucco – Pump Grade will yield approximately 0.75 ft³ (21 L) at the recommended consistency
- QUIKRETE® Base Coat Stucco – Pump Grade will cover the following areas base on the thicknesses below:

3/8 inch (9.5 mm)	20 ft ² to 24 ft ² (1.8 m ² to 2.2 m ²)
1/2 inch (13 mm)	15 ft ² to 18 ft ² (1.4 m ² to 1.7 m ²)
3/4 inch (19 mm)	10 ft ² to 12 ft ² (0.93 m ² to 1.1 m ²)

All coverages are approximate and vary with thickness, waste, etc.

TECHNICAL DATA

APPLICABLE STANDARDS

- ASTM C926 Standard Specification for Application of Portland Cement-Based Plaster
- IAPMO UES ER-455
- ACI 305R Guide to Hot Weather Concreting
- ACI 306R Guide to Cold Weather Concreting

PHYSICAL/CHEMICAL

QUIKRETE® Base Coat Stucco – Pump Grade meets ASTM C926 requirements for portland cement-based plaster. QUIKRETE® Base Coat Stucco – Pump Grade meets requirements for a 1-hour fire rating when applied as a one coat system per IAPMO UES ER-455.

INSTALLATION

SURFACE PREPARATION

Installation of wire mesh or lath and building paper shall be in accordance with ASTM C926 or local governing building codes. This standard also specifies the spacing for control joints.

MIXING

Mechanically mix QUIKRETE® Base Coat Stucco – Pump Grade for 3 to 5 minutes using a standard mortar mixer. Add approximately 5-1/2 quarts (5.2 L) of clean potable water per 80 lb (36.2 kg) bag to the mixer. Slowly pour contents of the bag(s) into the mixer. Avoid over-mixing, as this may affect the integrity of the fibers. If more water is needed to achieve a workable consistency, add small amounts at a time. Continue to mix until desired consistency is achieved. Prepare only enough mix as can be applied in 1 hour.

APPLICATION

QUIKRETE® Base Coat Stucco – Pump Grade is intended for use over code approved metal lath or solid bases such as masonry, cast-in-place, or pre-cast concrete. Installation over these surfaces shall be in accordance with ASTM C926 and local building codes. QUIKRETE® Base Coat Stucco – Pump Grade may be applied with a trowel or sprayer according to typical stucco techniques. QUIKRETE® Base Coat Stucco – Pump Grade may be applied as a one coat application per IAPMO UES ER-455.

CURING

Provide sufficient moisture in the plaster mix or by moist or fog curing to permit continuous hydration of cementitious materials. The most effective procedure for curing and time between coats will depend on climatic and job conditions.

QUIKRETE® Base Coat Stucco – Pump Grade may be water cured with a fine mist per ASTM C926 once it has achieved final set. During hot and dry conditions, additional precautions may be necessary, including more frequent spraying or the erection of barriers to deflect sunlight and wind. Do not apply when weather is forecast to be above 100 °F (38 °C) or below 40 °F (4 °C) within 24 hours without adopting the required hot or cold weather precautions. QUIKRETE® Base Coat Stucco – Pump Grade does not require the addition of any other material. Such additions will void any warranty and result in a violation of code conditions.

PRECAUTIONS

- Mix no more than can be used in 1 hour.
- For best results, do not overwork the material. Retempering the material should be kept to a minimum during the 1 hour.
- During hot weather, work during cool times of the day, and use cold water to slow down the setting time. Keep cementitious substrates, such as concrete masonry block and concrete, damp prior to application. Do not apply when temperatures are above 100 °F (38 °C). Additional recommendations can be found in ACI 305R.
- In cool weather, use warm water to speed the setting time. Do not apply when temperatures are expected to fall below 40 °F (4 °C) within 24 hours. Protect from rain, snow and freezing for 48 hours after application. Additional recommendations can be found in ACI 306R.

SAFETY

IMPORTANT: Read Safety Data Sheet carefully before using. **WEAR IMPERVIOUS GLOVES**, such as nitrile, mask, and eye protection.

DANGER: Causes sever skin burns and serious eye damage. Prolonged or repeated inhalation of dust may cause lung damage or cancer.

Keep out of reach of children

WARRANTY

NOTICE: Obtain the applicable **LIMITED WARRANTY** at www.quikrete.com/product-warranty or send a written request to The Quikrete Companies, LLC, Five Concourse Parkway, Atlanta, GA 30328, USA. Manufactured by or under the authority of The Quikrete Companies, LLC. © 2021 Quikrete International, Inc.