



CEMENT & CONCRETE PRODUCTS™

# FAST-SETTING UNDERLAYMENT

PRODUCT No. 1248-25

**DIVISION 3**

Gypsum Cement  
 Underlayment  
 03 54 13

## PRODUCT DESCRIPTION

QUIKRETE® Fast-Setting Underlayment is non-shrinking blend of high strength gypsum cement and graded fine aggregates used to level interior floors prior to the installation of floor coverings.

## PRODUCT USE

QUIKRETE® Fast-Setting Underlayment is used to level interior concrete and wood floors prior to the installation of ceramic tile, resilient flooring, carpet or other floor coverings.

## SIZES

- QUIKRETE® Fast-Setting Underlayment - 25 lb (11.3 kg) bags

## YIELD

- Each 25 lb (11.3 kg) bag of QUIKRETE® Fast-Setting Underlayment will yield 0.2 cu ft (6 L). At a thickness of 1/4" (6.4 mm), this will cover 12 ft² (1.1 m²).

## TECHNICAL DATA

### APPLICABLE STANDARDS

ASTM International

- ASTM C109 / C109M Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens)
- ASTM C191 Standard Test Method for Time of Setting of Hydraulic Cement by Vicat Needle

## PHYSICAL/CHEMICAL PROPERTIES

QUIKRETE® Fast-Setting Underlayment is a non-shrinking product which achieves the typical physical properties shown in Table 1 when tested in accordance with the appropriate ASTM test methods.

TABLE 1 TYPICAL PHYSICAL PROPERTIES

| Property & Test                 | Results  |
|---------------------------------|--|
| Final set, ASTM C191            | 10 - 30 min  |
| Compressive strength, ASTM C109 | 2 hours 2000 psi (13.8 MPa)<br>24 hours 3000 psi (20.7 MPa)<br>28 days 6000 psi (41.4 MPa) |



## INSTALLATION

### MIXING

Mix 3 1/2 pints (1.7 L) of water per 25 lb (11.3 kg) bag. The material should be blended thoroughly using clean equipment and tools. The rapid setting time limits the user to mixing no more material than can be applied in 15 minutes.

### APPLICATION

- Prior to application, clean the surface of all loose material, dirt, grease, paint, oil or efflorescence
- Apply the material with a trowel to the prepared surface. Set time will occur in 10 - 30 minutes. Product performance is altered when excessive water or wide variances in room temperature occur
- Material should be allowed to air dry. Surface can be sanded after hardening

### PRECAUTIONS

- Mix no more than can be used in 15 minutes

### 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.

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](http://www.quikrete.com) for the most current technical data, MSDS, and guide specifications.

