



1. Product Name

QUIKRETE® Fast-Setting Underlayment #1248

2. Manufacturer

The QUIKRETE Companies
 One Securities Centre
 3490 Piedmont Rd., NE, Suite 1300
 Atlanta, GA 30305
 (404) 634-9100
 Fax: (404) 842-1424
 www.quikrete.com

3. Product Description

BASIC USE

Used to level interior concrete and wood floors prior to the installation of ceramic tile, resilient flooring, carpet or other floor coverings.

COMPOSITION & MATERIALS

QUIKRETE Fast-Setting Underlayment is a blend of high strength gypsum cement and graded fine aggregates.

SIZE

- 25 lb (11.3 kg) bags

COLOR

- White

YIELD

A 25 lb (11.3 kg) bag will yield 0.2 cu ft (6 L). At a thickness of 1/4" (6.4 mm), this will cover 12 ff² (1.1 m²).

LIMITATIONS

Do not use outdoors.

4. 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.

5. 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

6. Availability

QUIKRETE Fast-Setting Underlayment is available at leading concrete construction supply houses and distributors. Contact QUIKRETE Construction Products for the name of the nearest dealer.

7. 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



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other express warranties and expressly excludes liability for consequential damages.

8. Maintenance

None required.

9. 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.

10. Filing Systems

Additional product information is available from the manufacturer.

TABLE 1 PHYSICAL PROPERTIES

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