

Red Top® Keenes Cement



For blending with lime putty to create a durable, high-crack-resistant finish

- Ultimate choice for texturing.
- Retemperable; can be floated for an extended time period.
- Permits mixing large batches.
- Permits job color finishing when sand-float finished.

Description

RED TOP® Brand Keenes Cement is a highly calcined, "dead-burned" white gypsum plaster that produces durable, highly crack-resistant smooth and sand-float finishes when mixed with lime. The finish is suitable for schools, hospitals and other "hard wear" applications. It sets in 3 to 6 hours and is retemperable so it can be floated for an extended time period to provide a densified finish. RED TOP Keenes Cement requires a high-strength gypsum basecoat.

Limitations

1. High-strength finishes such as RED TOP Keenes Cement must not be used over STRUCTO-LITE® Brand Basecoat or other basecoat with lightweight aggregate over any gypsum base.
2. Gypsum-based finishes, including RED TOP Keenes Cement, should not be used directly over a portland cement basecoat or over concrete block or other masonry surfaces.

Directions

Mixing

Mix double-hydrate limes in a clean container or mechanical mixer. Add one bag of lime to 5-1/2 to 6 gal. (21-23 liters) of water and mix until the putty is smooth. Mix with a portable drill mixer 2-1/2 to 3 min. at 450-600 rpm or with a paddle mixer for 12-20 min. at 50-75 rpm.

Mix single-hydrate limes in a clean container, using approximately 6 gal. (23 L) water per 50 lb. (22.7 kg) bag of lime. For a smooth, plastic putty, machine-mix to a soupy consistency, then pour into a soaking box and hoe briskly. Let the mix soak for 16 hours, then screen the putty through 8-mesh hardware cloth before using.

To prepare finish plaster, mix RED TOP Keenes Cement in proper proportion by dry weight (see table below) with lime or lime and sand.

Application

Apply a tight scratch coat over entire working area of partially dry basecoat. Immediately double-back with material from same batch and fill out to a true and even surface nominally 1/16" thick (no more than 1/8" thick). Allow the surface to become firm, then trowel well with water. Do final troweling after finish has begun to set. Surface should be free from cat faces and other blemishes or irregularities. If a quicker set is preferred, refer to USG literature PM-8 for use of accelerators.

For float finish coats, scratch in plaster thoroughly and immediately double-back to a true, even surface. Float using a sponge, cork, wood, carpet or rubber float to bring aggregate to surface to produce a finish of uniform texture, free of slick spots, cat faces and other blemishes. Use water sparingly to prevent variation in texture and finished color. When using job-mixed colored finishes, no additional water should be used in floating the surface, as color variation will occur.

Product Data

Technical Data

Product	Finish Texture	Physical Properties	Gauging to Lime, to sand (dry wt.)	Approx. Coverage ⁽¹⁾	
				ft. ² /ton	m ² /ton (metric)
RED TOP Keenes Cement and Lime Finish	Smooth trowel	Hard and resistant to abrasion	100 lbs. Keenes Cement 100 lbs. lime	3330	345
			100 lbs. Keenes Cement 200 lbs. lime	3870	400
RED TOP Keenes Cement, Lime and Sand Finish	Float finish	Hard	100 lbs. Keenes Cement 200 lbs. lime 800 lbs. sand ⁽²⁾	2430	250

1. 1/16" thick.

2. Sand quantities may vary between 400 and 800 lbs. in this mix depending on texture finish required.

Compliance with Standards: RED TOP Keenes Cement complies with ASTM C61.

Storage: Store material in a cool, dry place. Avoid direct sunlight. Maintain temperature above 40 °F (4 °C).

Shelf Life: Up to 6 months under protected storage conditions. Rotate stock.

Availability and Cost: RED TOP Keenes Cement is distributed throughout the United States. Contact a United States Gypsum Company sales office for additional information.

Packaging: RED TOP Keenes Cement is available in 50 lb. (22.7 kg) bags.



Submittal Approvals:

Job Name		
Contractor		Date

WARNING!

Dust may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Avoid irritation by reducing exposure to dust. Use in a well-ventilated area or provide sufficient local ventilation. Wash with soap and water after use. Do not ingest. If dusty, wear a NIOSH/MSHA-approved dust respirator. Wear eye protection. If eye contact occurs, flush thoroughly with water for 15 minutes. If irritation persists, call physician. If ingested, call physician. Product information and MSDS: (800) 507-8899 or www.usg.com.

KEEP OUT OF REACH OF CHILDREN.

Trademarks

The following trademarks used herein are owned by United States Gypsum or a related company: RED TOP and STRUCTO-LITE.

Note

Products described here may not be available in all geographic markets. Consult your U.S. Gypsum Company sales office or representative for information.

Notice

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

Safety First!

Follow good safety and industrial hygiene practices during handling and installation of products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/or installation.

