For blending with lime putty to provide a high-strength, durable white finish for high-traffic areas
– Excellent hardness and abrasion resistance.
– Faster and easier to apply than RED TOP® Brand Keene’s Cement.

Description
STRUCTO-GAUGE® Brand Gauging Plaster produces a high-strength, durable white smooth trowel finish when mixed with lime putty. It has excellent hardness and abrasion resistance, which makes it ideal for high-traffic areas and other applications requiring durability and abuse resistance. It is faster and easier to apply than RED TOP Keene’s Cement for smooth finished surfaces. Should be used over high-strength wood fiber or sanded gypsum basecoats, but not over lightweight aggregated or portland cement basecoats or masonry. Quick-Set formulation sets in 30-40 minutes, making it ideal for use over low-suction veneer basecoats. Slow-Set formulation sets in 60-75 minutes and is best for use over regular sanded basecoats. Meets ASTM C28.

Limitations
1. High-strength finishes such as STRUCTO-GAUGE Gauging Plaster must not be used over STRUCTO-LITE® Brand Basecoat or other basecoats with lightweight aggregate over any gypsum base.
2. Gypsum-based finishes 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. of water (21-23 liters) 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) of water to each 50-lb. (22.7 kg) bag of lime. For a smooth, plastic putty, machine-mix to a soupy consistency, then pour it into a soaking box and hoe briskly. Let the mix soak for 16 hours and then screen the putty through 8-mesh hardware cloth before using.
To prepare finish plaster, mix STRUCTO-GAUGE Gauging Plaster in proper proportion by dry weight (see table) with lime.

Application
Apply a tight scratch coat over the entire working area of the partially dry basecoat. Immediately double back with material from the 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. Final-trowel after finish has begun to set. Surface should be free from cat faces and other blemishes or irregularities.
STRUCTO-GAUGE Gauging Plaster and lime with sand may be used to produce a float finish; however, best results are achieved by using RED TOP Keenes Cement and lime with sand. For float finish coats, scratch in plaster thoroughly and immediately double-back to a true, even surface. Use a sponge, cork, wood, carpet or rubber float to bring the aggregate to the surface to produce a finish of uniform texture free of slick spots, cat faces and other blemishes. Use water sparingly to prevent variations in texture and finished color.
**Product Data**

<table>
<thead>
<tr>
<th>Product</th>
<th>Finish Texture</th>
<th>Physical Properties</th>
<th>Gauging to Lime, to sand (dry wt.)</th>
<th>Approx. Coverage per Ton (sq. yds.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STRUCTO-GAUGE and Lime Finish</td>
<td>Smooth Trowel</td>
<td>Extremely hard and resistant to abrasion Hard and resistant to abrasion</td>
<td>100 lbs. gauging 100 lbs. lime 100 lbs. gauging 200 lbs. lime</td>
<td>380 430</td>
</tr>
</tbody>
</table>

1. 1/16" thick.

**Application:** Interior use only.

**Compliance with Standards:** STRUCTO-GAUGE Gauging Plaster complies with ASTM C28.

**Storage:** Store material in a cool, dry place. Avoid direct sunlight. Maintain temperature above 55 °F (13 °C).

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

**Availability and Cost:** STRUCTO-GAUGE Gauging Plaster is distributed throughout the United States. Contact a United States Gypsum Company sales office for additional information.

**Packaging:** STRUCTO-GAUGE Gauging Plaster is available in 50 lb. (22.7 kg) bags.

---

**Submittal Approvals:**

<table>
<thead>
<tr>
<th>Job Name</th>
<th>Contractor</th>
<th>Date</th>
</tr>
</thead>
</table>

---

**Trademark**

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

**Safety First!**

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

---

**Manufactured by**
United States Gypsum Company
125 South Franklin Street
Chicago, IL 60606

**800 USG.4YOU (874-4968)**
www.usg.com

© 2005, United States Gypsum Company.
Printed in U.S.A.