

# ORTHOSTONE DENTAL STONE



## Type III Dental Stone

A hard, pure white dental stone with excellent reproduction of details designed for orthodontic working models.

Available colors: White

For dental use only.

## Typical Material Properties\*

Distilled Water/Powder Ratio	Compression Strength (Dry)	Initial Setting Time	Setting Expansion
27cc/100g	10,500 psi	9-11 minutes	0.12%

\*These results are based on the testing methods, frequency and procedures of Ransom & Randolph or its approved suppliers. The levels referenced herein are only for general guidance and do not constitute a firm specification.

## Application Instructions

### Manual Mixing

1. Add 100 g powder to 27 cc water in a clean, dry mixing bowl.
2. Soak for 30 seconds.
3. Vigorously spatulate for 30 seconds.

### Mechanical Mixing

1. Add 100 g powder to 27 cc water in a clean, dry mixing bowl.
2. Soak until powder is wet.
3. Mix for 20 seconds, 200 to 300 turns of the blade.

## Storage

Gypsum materials are subject to deterioration when exposed to the atmosphere. Store this product at 59-86°F (15-30°C). Keep container tightly closed once seal is broken to protect contents from moisture and high humidity.

## Safety

Danger. Contains crystalline silica. May cause cancer by inhalation. Causes damage to lungs through prolonged or repeated exposure by inhalation. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. See SDS for more information.

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## RANSOM & RANDOLPH

3535 Briarfield Boulevard | Maumee, OH 43537 USA  
800.800.7496 | 419.865.9497 | 419.865.9997 (FAX)  
www.ransom-randolph.com



Made in the USA

Issue Date: February 8, 2024

Ransom & Randolph GmbH  
Leipziger Straße 40 | 04571 Rötha Germany  
+49 342 06373999

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