

ORTHOSTONE DENTAL STONE

Type III Dental Stone

OrthoStone dental stone is a pure white stone recommended 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.

Caution

Inhalation of powder may be hazardous to your health.

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