

CASTONE® DENTAL STONE



Type III Dental Stone

Castone dental stone is a high quality, high strength dental stone used for dental casts, investing, and articulator mounting.

Available colors: Cream, white

For dental use only.

Typical Material Properties*

Distilled Water/Powder Ratio	Compression Strength (Dry)	Initial Setting Time	Setting Expansion
30cc/100g	8,000 psi	8-10 minutes	0.08%

*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 30 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 30 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. In case of inadequate ventilation wear respiratory protection. Get medical advice/attention if you feel unwell. See SDS for more information.

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user. All potential liability related to the sale and use of this product is limited to the cost of the particular goods sold in their respective transactions.



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 9, 2024

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

Investing with Innovation™