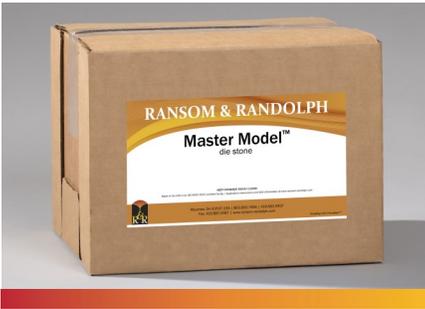


MASTER MODEL™ DIE STONE



Type IV Dental Stone

An extra strong, low expanding stone. Provides superior reproduction of detail and has excellent stacking qualities. Well suited for models and dies.

Typical Material Properties*

Type	IV
Color	Blue, white or pink
Water/Powder Ratio	24/100
Set Time	8½ - 10½ minutes
Set Expansion	≤ 0.15%
Compressive Strength (at 1 hour)	5,000 psi
Ultimate Compressive Strength	10,000 psi

*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 of powder to 24 ml of water.
2. Allow powder to soak in water for 20 seconds.
3. Hand spatulate at 120 rpm for 60 seconds.

Mechanical Mixing

1. Add 100 g of powder to 24 ml of water.
2. Allow powder to soak in water for 20 seconds.
3. Mechanically mix for 20 to 30 seconds at 400 rpm.

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. 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,



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

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

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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.



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