

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.

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