

SURE ORTHODONTIC STONE

Consistency: 4 parts water to 10 parts stone

Initial setting time: 3 - 5 minutes

Final setting time: 12 - 15 minutes

MIXING GUIDELINES

- 1** Mixing utensils should always be clean and free of set plaster.
- 2** Use clean water. Slurry water will accelerate setting time.
- 3** For consistent results, attention must be given to the correct proportioning and mixing of the plaster and water. Mix consistency can be altered by changing the powder to water ratios for individual applications. The suggested powder to water ratios are not necessarily those used in practice. Changes to plaster to water ratios will influence product performance, particularly setting time and strength.
- 4** Add weighed quantity of plaster slowly into measured volume of water.
- 5** Stir vigorously with the spatula to obtain a uniform mix. If mechanical mixing is used with or without vacuum, the mixing time will be much less than that for hand mixing. The time will be dependent on the type of mixer paddle and speed. **DO NOT OVER SPATULATE.** Do not mix fresh plaster with that which has been mixed for some time previously.
- 6** Vibrate the plaster/stone into the impression to obtain fine detail and eliminate air bubbles.

STORAGE

Store under dry conditions since absorption of moisture can result in changes to physical properties. To help protect the product during storage, the liner in open or partly used containers should be carefully folded and closed (or twist tied).