



Instructions for use: Algimet

General notes on the use of Algimet, Alginate impression material

Specially formulated to be dust free in normal use and based on Triethanolamine group of modified Alginates.

INSTRUCTIONS FOR USE

Algimet alginate impression material is a fine powder which tends to settle during storage or transit. To loosen the powder, it may be placed in a plastic container and inverted a few times.

MIXING RATIO

To obtain the correct powder/water ratio scoop the powder lightly and level off.

COMPLETE IMPRESSION

Use two level scoops of powder plus two measures of water.

PARTIAL OR SECTIONAL IMPRESSION TRAY

One level scoop of powder plus one measure of water (powder 16.9g, water 31.6ml). A thicker mix may be obtained by using slightly less water.

MIXING

For best results use water at a temperature range between 21°C and 25°C. Low temperature will increase the setting time, higher temperature will reduce the setting time.

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| Temperature | 23°C |
| Mixing time | 30 seconds |
| Working time from start of mix | 1 minute |
| Setting time at 32°C from start of mix | 2.5 minutes |

The working time has a 5 second temperature dependence for each 2°C departure from 23°C, whilst the setting time has a 10 second temperature dependence for each 2°C departure from 23°C. It is advisable to use a perforated tray with a suitable tray adhesive. Mix Algimet vigorously in a suitable mixing bowl.

TAKING IMPRESSION

Patient should preferably rinse their mouth with warm water prior to taking an impression. Load and seat the tray into the mouth within 30 seconds after the end of mixing. The tray should be held in position with light pressure for approximately 1 minute. Remove the impression from the mouth and rinse in cold running water.

STORAGE OF IMPRESSION AND CASTING MODEL

Whenever possible, the model should be cast from the impression as soon as it is taken. If this is not possible, the impression should be wrapped in a damp napkin and kept in a sealed polythene bag. It is not recommended to store impressions for long periods. Algimet will yield good casts and is compatible with most good plaster stone, such as Metrostone.

STORAGE

Keep container tightly closed and store in a cool dry place. This alginate is for use in dentistry. It conforms to ISO 1563 1990 and BS 4269: Part 2: 1991.