

Quick Chromatic Alginate Powder

(Blue → Purple → Blue)

Mixing Ratios

(Water to Powder)

- Dental Moulding 2:1 (ie. 20ml water : 10g powder)
- Hand Moulding, etc 3:1 (ie. 30ml water : 10g powder)

Can go as high as 4:1, curing time will increase, accuracy will decrease

Typical Setting Time

(3:1 Ratio, 23°C Water):

- Pot Life < 90 seconds
- Setting Time < 4 minutes

Tips and Tricks

- Warmer Water → Sets Faster
- Cooler Water → Sets Slower
- More Water → Sets Slower
- Less Water → Sets Faster
- Use a kitchen whisk to reduce lumps.
- Alginate is not dimensionally stable over time, ie. it will shrink and distort, we recommend casting into it immediately

Instructions

1. Mixing

Use lukewarm water. Follow the water-to-powder ratios. Mix swiftly to a lump-free, pancake batter-like consistency.

2. Application

Pour or apply the mixed alginate over the subject in a suitable container. Ask the subject to stay still during setting.

3. Setting and Release

Wait for the alginate to set to a rubbery state. Gently release the subject by having them wiggle fingers/toes.

4. Casting

Immediately pour casting material (e.g., plaster, silicone, etc.) into the mould. Allow it to set as per its instructions.

5. Demoulding

After the casting material sets, gently tear the alginate mould away to unveil your cast. Can be trimmed or sanded as needed.

CAUTION

- For external use only. Do not ingest.
- Avoid contact with eyes. In case of eye contact, rinse immediately with plenty of water and seek medical advice.
- Use a mask and safety glasses during mixing to guard against dust inhalation and eye exposure.
- Keep out of reach of children.
- Store in a cool, dry place away from direct sunlight.
- Conduct a patch test on a small skin area before full application to check for any allergic reactions.
- Do not use on open wounds or irritated skin.

This product is not intended for sanitary use