



## Croform Agar Duplicating Material Instructions for Use

### INTRODUCTION

Croform Agar Duplicating Material is a Type 1: Reversible duplicating material in accordance with EN ISO 14356:2003. It is recommended to be melted in an automatic melting machine, although simple saucepans are acceptable when necessary.

### MELTING

Follow the directions of the manufacturer of the automatic machine concerned. The maximum temperature recommended for the melting process is 93°C. The minimum temperature to bring about gelation is 32°C. **Do not boil.**

Once melting is complete allow to cool to the pouring temperature of 42°C. The pouring temperature range is from 39°C to 45°C.

### POURING THE DUPLICATING MATERIAL

Soak the model in water at 38°C for 5-10 minutes. Remove and dab the model with a cloth to dry. Fix the model to the base of the duplicating flask with plasticine or proprietary system and seal the joints of the flask. There is no need to separate the master model from the mould.

Pour the Croform Agar Duplicating Material into the flask taking care not to pour directly onto the model to avoid trapping air. Allow the duplicating material to cool fully in air for 60-90 minutes. Do not cool with water.

Carefully remove the model from the duplicating material.

### INVESTING

Vibrate the Investment or Refractory gently into the mould and, when set, push out the entire contents of the flask and peel off the Duplicating Material from the duplicate model.

If Gypsum based materials are used, pour a 3 to 4% alum solution into mould and leave for 5 minutes. Rinse and dry with compressed air. The set of plaster can be accelerated with household salt and stones such as Kaffir D with Zinc Sulphate. However, this will affect their expansion.

Wash the Duplicating Material after use in running water. This will serve the dual purpose of replacing water lost during use and ensuring that the Duplicating Material is clean. In order to obtain optimum functional life, store in a sealed container.

### COMPATIBLE MATERIALS

One refractory material that has been found to be compatible is Croform High Precision Investment and one Type 4 dental stone is Schottlander System Stone.

### STORAGE

Store in a cool dry place out of direct sunlight in an airtight container.

### HEALTH AND SAFETY

Use in a well ventilated room. Do not breathe fumes. Molten material is hot. Avoid burns.

For further information download a Safety Data Sheet from [www.schottlander.com](http://www.schottlander.com)



### LOT NUMBERS

The lot number and expiry date are shown on all containers.

This product is specifically formulated for use in dentistry.

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