

## Enigma Denture Teeth Instructions for Use

### INTRODUCTION

Enigma are polymer artificial teeth for dental prostheses in accordance with EN ISO 22112:2017.

*NOTE.* The denture making process is undertaken by professionally qualified dentists, clinical dental technicians and dental technicians. These IFUs do not attempt to specify the work for which they are trained such as taking impressions of the mouth, identifying anatomical landmarks or the occlusal scheme to be employed since these processes are within their professional competencies and remit. Nor do they attempt to define the laboratory workflow since these are not functions of the teeth themselves. These instructions are applicable when the lost wax technique is employed for production of the denture base.

### INDICATIONS

For use in the manufacture of full and partial dentures including implant-supported dentures.

### CONTRA-INDICATIONS

Not recommended for the manufacture of fixed crowns and bridges.

### SETTING UP THE TEETH

Prepare and mount models on an articulator in accordance with information provided by the clinician and standard laboratory practice. Unless already chosen by the clinician, choose the moulds of teeth to be used from the enigma mould chart or chairside assortment and the shade from the enigma shade guide. Once the upper anterior mould has been chosen, the mould chart makes suggestions as to which sizes of lower anterior and posterior moulds best fit that of the chosen upper anterior mould. This will depend on the clinical situation and personal preference. Lay a wax base onto the model, trim the teeth where necessary to fit over the ridge and mount them in accordance with the clinical information provided. Check articulation on an articulator.

### PATIENT TRY-IN

When wax-up and final adjustments on the laboratory articulator are complete, the wax-up with teeth in position can be sent to the clinician for trying in the patient's mouth and for the clinician to make any necessary adjustments. The adjusted try-in is then returned to the laboratory for further processing.

### FINAL WAXING UP

Final waxing up should be carried out paying particular attention to the anatomical details that will be highlighted in the final denture. Time spent at this stage will reduce the time needed in finishing.

### WAX REMOVAL

When investing the denture in plaster, immerse the flask in boiling water for five minutes. Remove and open the flask, lift out wax and flush thoroughly with boiling water to which detergent solution has been added, followed by clean boiling water. Allow to cool.

### APPLICATION OF ISOLATING SOLUTION AND INVESTING

Use a clean brush to apply one coat of Schottlander Isolating Solution to all plaster surfaces. Absorb excess from around teeth while it remains fluid. Make quite sure there is none on the exposed surfaces of the teeth. Allow to dry before investing which should be done in the normal manner.

### FINISHING

The care taken with waxing and flasking will leave very little finishing to be done. Where plaster has been used place in an ultrasonic bath to remove all plaster from between the teeth. Trim away any flash and smooth and pumice the borders of the denture and palatal area (if desired). Limit polishing of the teeth to a light buffing. In these areas avoid the use of pumice which will tend to remove the outer surface detail of the teeth and any stippling of the denture base.

### STORAGE

Store enigma teeth in a cool dry place and avoid prolonged exposure to sunlight. Keep boxes or cabinets closed when not in use.



### HEALTH AND SAFETY

P261 avoid breathing dust/fumes/gas/mist/vapours/spray.



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

### LOT NUMBERS

The Lot number and use by dates are shown on all tooth cards.

This product is specifically formulated for use in dentistry.

enigma is an internationally registered trademark of Davis Schottlander & Davis Limited.