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Work Preparation



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Matrix Duo

Addition cured 2 part laboratory putty



Silicone putty material specifically formulated for use in dental laboratories.  
2 x 1.5Kg (3Kg)  
Ref: MP2

Sh Hardness  
8min 75 - 96  
24hr 82 - 96



Metro Lab Putty

Silicone modelling material



Lab putty is one of the most versatile materials available to the Dental Technician today. Supplied as a base material and catalyst it is easily mixed by hand. The accurate detail reproduction and speed of set means that Metro Lab Putty has many applications in the Laboratory. Lab putty is routinely used for the production of copy denture moulds.



Sh Hardness  
8min 60 - 80  
24hr 80 - 90

Increasingly lab putty is being used for processing denture repairs. After sticking the parts of the broken denture together the repair model can be moulded quickly into the denture and placed on the bench to set. Once the putty is set the denture can be processed in the usual way. The advantages:- Because of the speed of set the denture can be processed more quickly than when using a conventional plaster model.

The fit surface is accurately reproduced before and after processing. The use of cold mould seal is not required. If for any reason the repair cannot be processed immediately, there is no danger of bubbles appearing in the cold cure as sometimes happens with conventional dry plaster models.

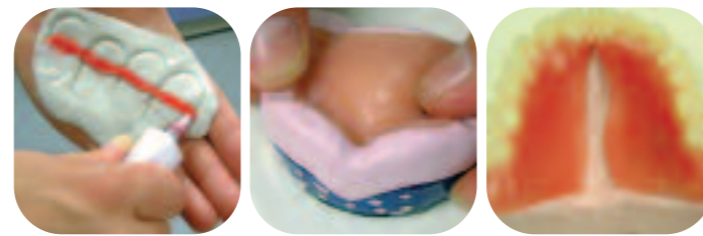
When repairing a midline crack it is advisable to make a complete model rather than one just over the crack as the denture can sometimes fracture when grinding out the repair. Lab putty is also used for matrices in the construction of partial dentures, for positioning backings, cold curing CoCr saddles etc.

Lab putty pack 5kg

Ref: MLP

Activator (4 tubes required for 5kg of putty) 40ml

Ref: MLPC



Easy to Mix

Copy Impression

Repair Model

Coltène® Lab-Putty

The silicone modelling material

Coltène lab putty is used for blocking out and for the fabrication of matrices or stamps in the dental laboratory. Formulation: Lab putty base is a light red colour for easy and reliable detail reading. Lab putty activator is a blue soft and easy to handle paste activator which is completely biocompatible. When the blue disappears you know it is completely mixed.



Availability	Unit	Ref
Coltene Lab Putty		
Lab putty pack (900ml paste - 1 activator)	1.35kg	C8807
Lab putty pack (7.5kg paste - 6 activator)	7.5kg	C8815
Activator	40ml	C8840
Activator	6 x 40ml	C8850

Model Base Former

Ensures clean, smooth model base without grinding



Two sizes are available for both the upper and lower jaw.

Provides neat model bases that can be removed with smooth sides without grinding and cutting from the mould.



Availability and accessories:	Unit	Ref
Model Base Former		
U1 Lower Jaw, small	1	52640
U2 Lower Jaw, large	1	52650
O1 Upper Jaw, Small	1	52660
O1 Upper Jaw, Large	1	52670
Sorted 1 each of the above	1 pack	52630

Block Out Gel LC

Light Curing Methacrylate based material



Block out gel LC is a light-curing methacrylate based material with a blue contrast shade. Before application, adhesion to the model is optimized by allowing the model to dry for at least 2 hours. The block-out material can be applied directly from the syringe. The material is polymerized by placing the model in a light box for 2 minutes. After curing, the inhibition layer can be removed using a tissue soaked in alcohol. Close syringe tightly after use and store in a cool dry place.



4 x 1.2ml syringes.  
Ref: V1661

Stone and Plaster Hardener

A liquid plastic that impregnates the stone die

Kit comprises of 2oz resin and 2oz thinner  
Ref: SHK

Resin 2oz  
Ref: SHR

Thinner 2oz  
Ref: SHT



Tru-Fit, Die Spacer

A controlled technique for relieving dies before wax-up

Gives 25µm space uniformly. Application: Stone, Amalgam, epoxy and plated dies. Kit comprises of 0.5oz gold spacer, 0.5oz silver spacer and 2oz thinner.



Availability	Size	Unit
Die bloker kit		
Kit		1 TFK
Gold spacer	0.5oz	1 TFG
Silver	0.5oz	1 TFS
Thinner	2oz	1 TFT2
Thinner	1oz	1 TFT

Plaster

For Dental Laboratory use

Surgical grade plaster

For general laboratory use. Setting time: 6 to 14 minutes. 25Kg  
Ref: SURGP



Dentstone KD

Is a hard yellow modelling plaster. Setting time: 6 to 17 minutes. 25kg  
Ref: KD

BegoForm®



Refractory stump material for ceramic inlays, onlays and facings

Stumps have extremely firm edges and are smooth and precise. The special ceramic materials supplied by well known manufacturers can be used. 40 x 30g bags (1.2kg) inc. syringe & 250ml liquid  
Ref: 52785



Begoform mixing liquid 250ml  
Ref: 52786

Metrolok Adhesive & Activator

Plus Metroglue, cyanoacrylate glue



Metrolok adhesive 20g  
General purpose.  
Ref: VC

Metrolok Activator 200ml  
General purpose.  
Ref: VA200

Metroglue, 20g general purpose cyanoacrylate glue. Bonds in seconds.  
Ref: HGLUE



Die Blocker Kit

Ideal for bonding metals, glass, rubber and ceramics

Kit comprises of 20gm base and 60ml activator. Uses ethyl chemistry formulation.  
Ref: ZAPK

Blocker Base  
Ref: ZAPB

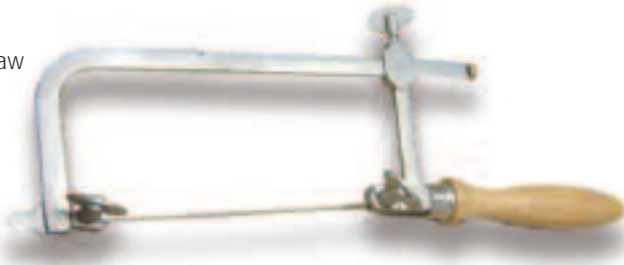
Blocker Activator  
Ref: ZAPA



## Saws

and saw blades

Fret Saw



Procraft Saw



Renfert Model Saw



Model Saw



Availability and accessories	Unit	Ref
Saws and blades		
Procraft offset saw	1	<b>G49-764</b>
Fret saw	1	<b>G49-750</b>
Blades: spiral ø 0.56mm	12	<b>G49-300</b>
Blades: spiral ø 0.84mm	12	<b>G49-305</b>
Blades: For plaster	12	<b>S6201-1</b>
Blades: For metal	12	<b>S6201-2</b>
BEGO hand saw blades	12	<b>52580</b>
Blades: Renfert 0.25 x 3mm	12	<b>R1072</b>
Blades: Renfert 0.12 x 5mm	12	<b>R1074</b>
Blades: Renfert 0.20 x 3mm	12	<b>R1076</b>
Model saws and blades		
Renfert model saw	1	<b>R1084-0000</b>
Model saw	1	<b>S6300</b>
Blades 0.25 x 3mm	12	<b>S6301-1</b>
Blades 0.25 x 5mm	12	<b>S6301-2</b>
Blades 0.12 x 5mm	12	<b>S6301-3</b>

## One Cast - Tricodent Tray System

Available in 3 colours

Can reduce labour costs by up to 60% over conventional model and die procedures. Only one stone plaster mix required. Sectioned die models relocate exactly and only in original casting position. Locking clips ensure complete die stability. Produces neat tidy models. Available in clear, smoke and blue.



- Customised with your design
- High quality pad printing service just like our popular denture Ortho and despatch boxes
- Minimum order of 200 die trays to be printed (100 per box)
- Single colour printing only on Tricodent Trays (your choice of colour)
- £25 set up charge (includes free artwork re-draw)
- Minimum order 200



Metrodent logo appears only as an example

Availability and accessories	Unit	Ref
Tricodent tray system		
Die tray MK1 Clear	100	<b>TOC 001</b>
Die tray MK1 Smoke	100	<b>TOC 002</b>
Die tray MK1 Blue	100	<b>TOC 004</b>
Die tray MK2 Clear	100	<b>TOC 011</b>
Die tray MK2 Smoke	100	<b>TOC 012</b>
Die tray MK2 Blue	100	<b>TOC 014</b>
Quadrant	50	<b>TOC 008</b>
Artic studs	100	<b>TOC 005</b>
Customised Tricodent tray system		
Die tray MK1 Clear	2 x 100	
Die tray MK1 Smoke	2 x 100	
Die tray MK1 Blue	2 x 100	
Die tray MK2 Clear	2 x 100	
Die tray MK2 Smoke	2 x 100	
Die tray MK2 Blue	2 x 100	

## Metrostone

High quality die stone



A fine grain structure ensures a very smooth creamy mix resulting in greatly improved flow properties and a surface, when set that is very hard and resistant to chipping. Exceptional strength and durability. Setting time 8 to 12min. Compression strength 14,000psi. Expansion rate 0.05%, (40% Humidity) Size 50lbs/22.68kgs. Ref: **MSTONE**



## Kerr Die Stones

Low setting expansion



### Velmix

Excellent flow characteristics, high compressive strength and wear resistance.

### Suprastone

Formulated to produce a hard, glass-like surface. Has a high compressive strength that is non brittle.

Availability	Unit	Ref
Vel mix die stone		
Pink	6kg	<b>K60115</b>
Pink	25kg	<b>K61250</b>
White	6kg	<b>K60119</b>
White	25kg	<b>K61251</b>
Suprastone die stone		
Green	6kg	<b>K60606</b>
Green	25kg	<b>K60607</b>
Yellow	6kg	<b>K62600</b>
Yellow	25kg	<b>K62601</b>

## Begostone Plus

Super hard plaster



BegoStone plus features ideal reproduction accuracy and improved flow properties. This type 4 super hard plaster is a natural material with controlled batch constancy for reproducible results every time. Colour: Ivory 4.5Kg Ref: **56045**

18Kg Ref: **56046**

- Outstanding flow properties enable bubble-free pouring
- Thixotropic plaster: can be built up immediately and already has outstanding flow properties when subjected to light vibrations
- Maximum reproduction accuracy with all commonly used duplicating materials
- Extremely high bending tensile strength: considerable resistance against breaking-off of teeth and stumps
- Abrasion-resistant thanks to high degree of hardness
- Very smooth model surfaces
- Advantageous processing time of around 5 minutes
- Ideal linear expansion of 0.09%



## Indelible Pencils

For the indelible marking of plaster models etc.

Single pencil (Not Sharpened) Ref: **IP**



## Moldastone® CN

Synthetic high strength dental stone



Moldastone CN high strength dental stone is very easy to mix and trim. It is highly flowable and dimensionally stable even over a longer period.

Available in

- Pink Ref: **P36.L66014744**
  - Green Ref: **P36.L66014743**
  - Peach Ref: **P36.L66020492**
  - Grey Ref: **P36.L66020493**
  - Champagne Ref: **P36.L66020494**
  - Light Brown Ref: **P36.L66014745**
- 18kg (4 x 4.5kg bags)



## Ultra Tray

Light curing tray material



Candolor Ultra Tray is made from top grade raw materials. The result: excellent physical properties, excellent dimensional stability, perfect fit and convenient handling. The light catalyst allows the user ample handling time before the material hardens. Polymerisation can be performed using most of the light curing devices available on the market.



50 plates including separating papers (Colour 34)  
Ref: **42105000**

## Dowel Pins

4 types available



**Swordfish with impression fixing point**

**No.2 medium standard pin, flat sided with knurled top**

**No.1 small standard pin, flat sided with knurled top**

**Bi-pin for extra stability**

**Bi-pin with sleeve**

Availability	Ref No.
Dowel Pins	
Swordfish	<b>SFISH</b>
Number 2 (medium)	<b>DPIN2</b>
Number 1 (small)	<b>DPIN1</b>
Bi-pin	<b>BPIN-S</b>
Bi-pin with sleeve	<b>BPIN+S</b>

## Shellac Special Tray Blanks

Available in green

Green blanks are hand made. This creates a blank which is easier to soften and adapt and yet still rigid when cold. Green blanks are available in plain extra large, perforated standard size and perforated extra large size.



72 blanks per box (uppers/lowers).

Availability	Colour	Unit	Thickness	Ref
Shellac tray blanks				
Plain standard (upper)	Green	72	2.25mm	<b>PAT013</b>
Plain extra large (upper)	Green	72	2.25mm	<b>PAT112</b>
Perforated extra large	Green	72	2.25mm	<b>PAT122</b>

## Dental Baseplates

For the perfect prostheses

Shellac is one of the natural ingredients of **Cavex Dental Baseplates**. The modern technology makes it possible to reshape a two-dimensional plate into an extremely stable 3D object, simply through the application of heat and cooling down.



**VOCO Profibase Baseplates** with peppermint flavour.

Availability	Colour	Unit	Ref
Cavex Baseplates			
Plain standard	Pink	100	<b>DAV00535</b>
VOCO Profibase Baseplates ( <b>Light Curing</b> )			
Profibase Baseplates	Pink	50	<b>V2112</b>
Kement Baseplates			
Perfecta baseplates standard	Pink	100	<b>BPL003/P</b>

## Light Curing Tray Material

Individuo Lux



Light-curing tray materials for the fabrication of individual trays. Individuo Lux cures very quickly under UV-Light and halogen light. It does not stick and is odourless. Individuo Lux is neither greasy nor dusty when processed. The material has a peppermint flavour.



Pack of 50 Blue  
Ref: **V2402**

Pack of 50 Blue x 3