MR Dental

Catalogue

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MR Dental Supplies Ltd is the amalgamation of Meadway and Riverside Dental. Both companies have served the dental profession since 1940’s with top quality and popular “Meadway” and “Crylopax” brands supplying to both wholesale and retail sectors in the UK.

MR Dental specialises in Denture Base Materials, Acrylic Teeth and Specialist Acrylics for Impressions, Orthodontic work and Phantom Head Products for Teaching and Demonstration. We also specialise in the production of pigmented Tooth Making Polymers and can colour match to the customer’s specification or sample. With over 40 years experience, we can offer a great variety of different tooth polymers including ‘interpenetrating network’ and ‘filled’ materials. We recently introduced new products; these include Glass Ionomer Cements, Composites, Alignates, Silicone Impression Putty and Dental Alloy materials.

MR Dental also expertise in the manufacture of tooth making equipment and machinery, thus probably making us the only company in England who can offer this unique service to the developed and the developing markets.

MR Dental has established an excellent reputation both at home and abroad. We are currently exporting to over 80 countries worldwide, including the Far East, Middle East, African, European, North & South American markets.

MR Dental products are CE marked in accordance with the Directive 93/42/EEC. Our products have proven to be very popular with the dental profession. The company’s popularity does not stop here – with over 100 years combined expertise in the industry, no wonder MR Dental is rated as one of the leading dental manufacturer and supplier in the UK! MR Dental has achieved accreditation to ISO 13485:2003 and ISO 9001:2000.

MR Dental is situated in Old Woking, Surrey, England. By car - thirty minutes from either Heathrow or Gatwick Airports via M25 London Waterloo International to Woking.

...Thank you for your interest in MR Dental. Please do not hesitate to contact us. We will be pleased to assist you with your enquiry:"
**TEETH**

**MR Dental Acrylic Teeth** conform to BS EN ISO 3336: 1996 and are CE marked in accordance with the Directive 93/42/EEC. ALL our teeth are Cross-Linked for craze-resistance and durability and finished to a very high standard. The teeth are manufactured using high quality PMMA resin to resist abrasion and are of excellent quality. The teeth are available in equivalent Vita shades and in a comprehensive range of moulds.

**MEDI-LUX TEETH**

**Medi-Lux Teeth** are a new addition to our range. Medi-lux teeth are 2 Layer Anterior and 2 Layer Posterior. The teeth are available in 15 Upper and 6 Lower Anterior and 8 Posterior moulds. These are available in 16 equivalent Vita shades.

Supplied in sets of 6 Anterior, 8 Posterior or sets of 28 teeth.

Shade Guide and Mould Chart available on request.

**CODE:** 7900

**V-LUX TEETH**

**V-Lux Teeth** are 3 layer Anterior and 3 layer Posterior and are aimed at the independent private sector. The teeth are available in 21 Upper and 12 Lower Anterior and 12 Posterior moulds in 16 equivalent Vita shades.

Supplied in sets of 6 Anterior and sets of 8 Posterior teeth.

Shade Guide and Mould Chart available on request.

**CODE:** 8000
MEADWAY SUPERCURE

Supercure is a high quality denture base, with excellent flow characteristics, good tensile strength and an even colour stability. The material may be cured 20 minutes in boiling water. Use with Meadway Universal Monomer.

SHADES AVAILABLE:
- Premier: Code 009, Premier Veined: Code 010
- Translucent: Code 003, Translucent Veined: Code 004

SIZES AVAILABLE:
- 450gm, 800gm, 3kg, 12kg, 50kg.

MEADWAY SUPERCURE LONGBENCH LIFE (LBL)

Supercure LBL is a fine, free flowing material which does not need accurate measurement. It possesses both long working time (over 30 minutes) and fast curing characteristics (approximately 20 minutes). Use with Meadway Universal Monomer.

SHADES AVAILABLE:

SIZES AVAILABLE:
- 450gm, 800gm, 3kg, 12kg, 50kg.

ETHNICRYL DENTURE BASE

Ethnicryl is a new, high quality Heattcure Denture Base specially formulated for use where a match to a darker skin pigment is required. The material has good flow characteristics and may be cured in boiling water in 20 minutes. Use with Meadway Universal Monomer.

SHADES AVAILABLE:
- Light Ebony: Code 091
- Medium Ebony: Code 092
- Dark Ebony: Code 093
- Light Ebony Veined: Code 094, Medium Ebony Veined (Shade 2), Code 095, Dark Ebony Veined (Shade 3): Code 096

SIZES AVAILABLE:
- 450gm, 800gm, 3kg, 12kg, 50kg.

SUPERCLEAR DENTURE BASE

Superclear is a new heat cure acrylic, specially formulated, to give a crystal clear finish. Ideal for heat cured ortho appliances and clear palates. For best possible results this material should be cured slowly. Use with Meadway Universal Monomer.

SHADES AVAILABLE:
- Clear: Code 091

SIZES AVAILABLE:
- 450gm, 800gm, 3kg, 12kg, 50kg.

MEADWAY HEAT CURE DENTINE

This crown and bridge material is intended for permanent restorations and available in 16 equivalent vita shades. We recommend the use of Meadway Universal Monomer to obtain the best results.

Heat Cure Dentines are available in kit forms:

In addition to the kits, individual bottles can be purchased in the following sizes: 30gm, 90gm, 450gm, 800gm, 3kg. Shaders may also be purchased separately.

SHADES AVAILABLE:

CODE:
- HCDKIT 1: Code 249
- HCDKIT 2: Code 250

MR Dental - “For your Heat Cure needs”
MEADWAY SOFT ACRYLIC POWDER/LIQUID
This Soft Acrylic Powder has been specially formulated to use in conjunction with the Soft Acrylic Liquid to produce Earmoulds of a very high quality.

SHADES AVAILABLE:
SIZES AVAILABLE: 90gm, 450gm, 800gm, 3kg, 12kg, Liquid: 250ml, 500ml, 1ltr, 5ltr.

MEADWAY ROYALE
This outstanding material is tougher and has greater tensile strength than Supercure. The doughing time of ROYALE is approximately 7 minutes and it remains workable for up to 50 minutes. Curing time in boiling water is 25 minutes.

SIZES AVAILABLE: 450gm, 800gm, 3kg, 12kg, 50kg.

SCLERAL POWDER/LIQUID
This Heatcure Acrylic has been specially formulated in six different shades to cover all basic colour blending requirements for producing a wide range of Scleral.

In addition to these shades, we also offer a Clear powder which will give a crystal finish for use as an overlay.

A special liquid has also been developed to ensure smooth working characteristics and to enhance the quality of the finished product.

SHADES AVAILABLE:
Other shades available on request.
SIZES AVAILABLE: 90gm, 450gm, 800gm, 3kg, 12kg, 50kg.

MEADWAY UNIVERSAL MONOMER
This is a high quality Heat Curing Monomer, which has been specially formulated to give optimum results with Meadway Heatcure Powders.

Also available in Universal Clear Monomer for use with Superclear Powder.

SHADES AVAILABLE:
SIZES AVAILABLE: 500ml, 1ltr, 5ltr, 25ltr or 200ltr drums.
MEADWAY PREMIER RAPID REPAIR MATERIAL
This material is one of the finest available for repairing dentures and carrying out additions or relines. The colour stability is extremely good, the bonding strength is excellent and hard dense repairs can be effected without the use of a pressure pot.

The material is free flowing for about 2 minutes, it then becomes ‘non slumping’
Curing time:15-17 minutes at 21 deg. C.


MEADWAY SPECIAL TRAY QUICK DOUGH POWDER/LIQUID
This material is a self curing acrylic which has been specially formulated for the preparation of custom work impression trays.

The dough is ready for application in 30-45 seconds, and remains workable for 4-5 minutes. It is fully cured in 8-12 minutes from the time of mixing at room temperature 21°C.

The trays produced with this material may be used with all types of impression materials. This material is also available in slow dough.


The material is either supplied in kit form, which comprises of 800gm powder and 500ml liquid or as individual items.

SIZES AVAILABLE: Powder: 800gm, 3kg, 12kg, 50kg, Liquid: 500ml, 1ltr, 5ltr, 25ltr.

MEADWAY ORTHORESIN POWDER/LIQUID
Meadway Orthoresin material has a fine consistent quality with good flow and working characteristics.

Developed over two years, the resin is non slumping during use with no visible shrinkage on completion.

The resin is supplied in Clear form with specially prepared liquid available in Clear, Pink, Yellow or Blue colour.

SHADES AVAILABLE: Powder: Clear: Code 101
Liquid: Clear: Code 208, Pink: Code 209

SIZES AVAILABLE: Powder: 450gm, 800gm, 3kg, 12kg, 50kg. Liquid: 500ml, 1ltr, 5ltr, 25ltr.

Other shades are available on request.

MEADWAY RAPID REPAIR LIQUID
Rapid Repair Liquid has been formulated to give optimum results with Meadway Rapid Repair Powder
It is also used for other Meadway Cold Cure products where specified.

SHADES AVAILABLE: Clear: Code 204.

SIZES AVAILABLE: 500ml, 1ltr, 5ltr, 25ltr.
**MEADWAY COLD CURE DENTINE**
Primarily for the fabrication of temporary acrylic crowns. It is found particularly useful to ‘back up’ stock teeth.

We recommend the use of Meadway Rapid Repair Liquid in conjunction with the powder.

Cold Cure Dentines are available in the following kit forms.

In addition to the kits, individual bottles can be purchased in the following sizes: 30gm, 90gm, 450gm, 800gm, 3kg.

Shaders may also be purchased separately.

**SHADES AVAILABLE:**
Equivalent to Vita Shades.

**SIZES AVAILABLE:**
30gm, 90gm, 450gm, 800gm, 3kg

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**MEADWAY DENSACRYL**
Densacryl is high-density cold curing acrylic for masking out metal backings which otherwise may show through the facing of gum work. Use with Meadway Rapid Repair Liquid. This material can either be supplied in a kit comprising of 6 x 30gm powder or in individual bottles.

**SHADES AVAILABLE:**

**SIZES AVAILABLE:**
30gm, 90gm

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**MEADWAY MEDIPOUR AMINE FREE COLDCURE SYSTEM**
Medipour is a low temperature Pour Acrylic designed for finishing model cast dentures, it complies with DIN 13907 and ISO 1567.

This low temperature powder/liquid system is based on methyl methacrylate utilizing non browning curing agents ie: This material is totally Amine free. This material is produced in a number of different denture base shades with or without Amine.

**SHADES AVAILABLE:**

**SIZES AVAILABLE:**
Powder: 450gm, 800gm, 3kg, Liquid: 500ml, 1ltr, 5ltr.

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**MEADWAY MODELLING POWDER/LIQUID**
This material is a high quality self curing acrylic which produces a smooth flowing material ideal for the manufacture of dental and medical models. A purpose made liquid is also offered, this ensures optimum results from the material.

**SHADES AVAILABLE:**
White: Code 128, Ivory Shade 2:

**SIZES AVAILABLE:**
Powder: 450gm, 800gm, 3kg, 12kg, 50kg.
Liquid: 500ml, 1ltr, 5ltr, 25ltr.

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MR Dental - “For your Cold Cure needs”
FOR TEACHING, TRAINING AND DEMONSTRATION

MR Phantom Head products are aimed at the dental schools for teaching and demonstration purposes and these products are well established in the UK since 1960. Our ranges provide an inexpensive way of training students.

CODE: 860  MR Manikin
FOR TEACHING, TRAINING AND DEMONSTRATION

The range comprises of the following:

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<tr>
<th>CODE</th>
<th>Description</th>
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<tbody>
<tr>
<td>800</td>
<td>U/L - Permanent Type Teeth supplied in single teeth or sets of 14 Upper or Lower Teeth</td>
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<tr>
<td>810</td>
<td>U/L - Modent Type Teeth supplied in sets of 14 or 16 Upper and Lower Teeth</td>
</tr>
<tr>
<td>820</td>
<td>U/L - Deciduous Type Teeth supplied in sets of 12 Upper or Lower Teeth</td>
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<tr>
<td>830</td>
<td>- Ivorine Blocks</td>
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<tr>
<td>840</td>
<td>U/L - Rubber Moulds supplied in Upper or Lower (to create study models using permanent teeth)</td>
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<tr>
<td>850</td>
<td>U/L - Phantom Head Teeth with screw bases to fit most models.</td>
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Please note:

We have a number of different types of equipment available for the training of Post Graduate Students.

This includes:  
- Delivery Units  
- Manikins  
- Slow & Fast hand pieces  
- Compressors  
- Burs  
- Teeth for Teaching & Training

Please contact us for further information.
MR ETCHING GEL
Orthophosphoric acid thixotropic solution in a gel formulation.


SHADES AVAILABLE:

MR GLASS IONOMER AESTHETIC FILLING MATERIAL
This restorative cement is a translucent alumino-silicate glass. Exceptional translucency and aesthetics.

For restoring:
- Cervical erosions and root caries
- Class III and V cavities
- Deciduous cavities

Available in various pack presentations of powders/liquids. Code: 7020

MR GLASS IONOMER LUTING CEMENT
Designed for all luting applications for both prosthodontic and orthodontic. This cement is translucent and is available in powder/liquid system.

Code: 7030

MR SILVER REINFORCED GLASS IONOMER
Contains 20% silver-tin-copper spherical particle alloy with calcium fluoro-alumino-silicate glass.

Strong abrasion resistance. Excellent compressive strength. Quick setting.

Available in various pack presentation. Code: 7040

MR PROPHYLAXIS PASTE
A non-separating thixotropic paste.

Reduce splattering. Removes stain and tartar. Washes quickly off teeth.

Flavours available: mint and thymol in coarse or medium or in fine grit. Other flavours can be provided on request.

Available in various pack presentation.

Code: 7050 Mint - 7051 Thymol
**MR ZINC OXIDE EUGENOL IMPRESSION PASTE**
A super zinc oxide eugenol impression paste for taking perfect exact impressions.
Accurate detail reproduction · For use in re-lining of dentures.
Fast setting.
Pack size: 165gm Zinc Oxide Paste Tube
65gm Eugenol Paste Tube
plus mixing pad Code: 7060

**MR TEMPORARY CAVITY FILLING MATERIAL**
A white, homogenous paste with an optimal viscosity for packing and adaptation into cavities.
Faint odour/odourless
Sets in 15 mins maximum
Sets to rigid/brittle hardness
Available in various pack presentation. Code: 7070

**MR ZINC PHOSPHATE CEMENT**
Clinically proven performance.
Provides good clinical handling properties.
Mixes quickly.
Available in various pack presentation. Code: 7080

**MR ZINC POLYCARBOXYLATE CEMENT**
Excellent biocompatibility.
Has enhanced mechanical strength.
Erosion resistance from SnF2 addition.
Available in various pack presentation. Code: 7090

**MR CHEMICAL CURE COMPOSITE**
Self cure hybrid composite for anterior and posterior restorations.
Supplied in universal base and catalyst paste. Mix in a ratio of 1:1.
High colour stability · Excellent abrasion resistance
Polishes to high glossy finish · Radiopaque
Available in most equivalent Vita shades.
Available in various shades/pack presentation. Code: 7100

**MR LIGHT CURE COMPOSITE**
Light Cure microhybrid composite for anterior and posterior restorations.
Excellent colour stability · Polishes to high glossy finish · Radiopaque.
Available in most equivalent Vita shades.
Available in various pack presentation. Code: 7110

**MR BLUE COMPOSITE LIGHT CURE UNIT**
Excellent for Light Cure composites.
Optimum performance · Emphasis on user and patient safety.
Blue light filters · Cooling fan · Reduced noise level.
Ensures maximum cure of resin.
Technical Details: Light intensity: Blue at 400-500nm
Light source: 10v 52w Phillips-13298 lamp.
Power supply: 220V/50-60Hz Code: 7160

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MR Dental - “For your Surgery needs”
**MR DENTAL ALLOY 46% SILVER**
A single composition, high copper dental silver alloy, Zn-free and non-gamma 2 phase.
Spherical shape particles · High early strength · Low static creep value. Zinc free.
Composition: Ag-46%, Sn-30.5%, Cu-26.5%
Particle size: Spherical · Ratio: Alloy: Hg=1:0.86
Available in various pack/composition presentation Code: 7120
Also available in capsules: Single spill, code 7121
Double spill, code 7122
Triple spill, code 7123

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**MR DENTAL ALLOY 70% SILVER**
A single composition, high dental silver alloy, Zn-free and non-gamma 2 phase.
Consists of fine ultra particles · Zinc free
High resistance to corrosion · Excellent handling properties
Composition: Ag-70%, Sn-18%, Cu-12%
Particle size: Spherical · Ratio: Alloy: Hg=1:1
Available in various pack/composition presentation Code: 7130
Also available in capsules: Single spill No 1, code 7131
Double spill No 2, code 7132
Triple spill No 3, code 7133

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**MR MOUTHWASH TABLETS**
Effervescent antiseptic mouthwash and gargle tablets for use during and after dental treatment.
Superb choice of colours · Ideal prophylactic home treatment
Enhanced formulation · Economical
Contains: Thymol, Menthol and Sodium Benzoate
Available in various colour and pack presentation.
Sizes: 250gm, 500gm and 1000gm bottles.
Colours: Green(mint), code 7170: Orange(citrus orange) code 7171:
Pink(thymol), code 7172: Blue(strong spearmint), code 7173:
Clear(vanilla) code: 7174.

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<td>7170</td>
<td>MR MOUTHWASH TABLETS</td>
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**MR MEDIPUT**
Silicon Impression Material with Catalyst for perfect crown & bridge restoration and impression.
Excellent elasticity · Accurate detail reproduction
Catalyst paste or liquid.
Available in various pack presentation. Code: 7150

**MR BONDING ADHESIVE**
A single component prime and bond material. Viscous and Non thixotropic. Suitable for bonding composites and compomers to enamel, dentines and metal.
Available in various pack presentation. Code: 7700

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MR Dental - “For your Surgery needs”
MR DENTAL FLASKS
Made from cast brass.
Code: 7400

MR ARTICULATORS
Other model available on request.
Code: 7180

MR HAND INSTRUMENTS
MR Dental has introduced a small range of hand instruments. Excellent quality.

MR PLIERS
Supplied in either with or without tungsten carbide tips.
Please contact our sales department for further details.
Code: 7190

MR KNIVES
Stainless steel blades with wooden handles.
Please contact our sales department for further details.
Code: 7200

MR WAX INSTRUMENTS
Selection of high quality stainless steel instruments.
Other sizes available.
Code: 7300

MR DENTURE BOXES
Denture storage boxes. Ideal for dentures whilst in transit.
Can be used at home to avoid accidental damage.
Available in two sizes and in various colours.
Code: 7409 single, 7410 double
MEADWAY WAX SOLVENT
This is a ‘must’ in the boiling-out process as it ensures a perfect bond between the teeth and the denture base. It eliminates the need to ‘drill’ teeth and dissolves wax from plaster surfaces.

**SHADE AVAILABLE:** Clear
**CODE:** 214  **SIZES:** 1ltr, 5ltr

MEADWAY PLASTER DIVIDER
This is used in all cases where plaster is to be separated from plaster or stone. Ideal in the investment process and for plaster wash impressions, etc. It duplicates accurately and separates easily.

**SHADE AVAILABLE:** Clear
**CODE:** 216  **SIZE:** 5ltr

MEADWAY RAYON VEINS
Rayon veining fibres are supplied in packs of 50gm and 200gm packs. Ideal where extra veins are required.

**SHADE AVAILABLE:** Red
**CODE:** 191  **SIZE:** 2mm, 4mm

MEADWAY PLASTER COATING SOLUTION
This solution forms a perfect barrier between plaster and acrylic, ensuring that clean, accurate mouldings are produced.

Our Plaster Coating Solution comes in two different forms: Ready mixed or dehydrated, in the latter form all one has to do is add de-ionised water and mix.

In the ready mixed form it is supplied in 5ltr containers and in dehydrated form it is supplied in 5ltr and 50ltr kits.

**SHADE AVAILABLE:** Red
**CODE:** 212  **SIZES:** 5ltr Ready Mixed
5ltr Dehydrated Kit
50ltr Dehydrated Kit

MEADWAY TRAY CLEANER AND PLASTER REMOVER
Simply soak your impression trays, etc, in the solution for one hour and wash off. Dissolves alginate impression material, plaster and ‘Fix’ or similar adhesives. Also may be used for removing plaster or stone from denture.

**SHADE AVAILABLE:** Clear
**CODE:** 215  **SIZES:** 5ltr
MR ACRYLIC TEETH MAKING EQUIPMENT AND MACHINERY

TEETH MAKING PRESS AND TEETH MOULDS
We have over 35 years of expertise in this field and are probably the only company in England who can still offer this unique service. We have and can design and build machinery not only for the dental sector but also to the customer’s own specifications.

Please contact our technical department who will be able to help you further.

MICRO MOTORS
Ideal for use in dental laboratories and nail salons.

Code: 7600

MR OTHER MATERIALS

........ Sprue Wax
........ Preformed Wax Patterns
........ Powder Scoops
........ Liquid Measures
........ Disposable Dental Mouth Mirrors
........ Lathe Brushes
........ Brush Holders
........ Brush Heads
........ Mixing Spatulas
........ Disposable Instrument Trays
........ Wax Warming Units
........ Mixing Wells
........ Cement Spoons
........ Mixing Pads
........ Plaster Vibrators
........ Cups and Dispensers
........ Articulating Paper
........ Cosmetic Materials
........ Burs

And many more............

We will be happy to quote for any products which are not listed in this Catalogue.

MR Dental - “For your Other needs”
MR Dental

“for all your Acrylic needs”

MR Dental Supplies Ltd

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