

## Mounting Accessories

### Mounting Moulds

Mounting moulds can be used with all cold mounting resins, of which there are three different types:

- **KM Acrylic Resin Mould** with detachable aluminium base. Non-reusable.
- **Teflon reusable** with detachable base.
- **Rubber** one piece (reusable).



### Mounting Accessories

Description	Quantity	Code
Cups and Stirrers	Pk 100	600058
250cc Measuring Cups with Stirrers	Pk 5	600730
Stainless Steel Clips	Pk 100	600050
Plastic Clips	Pk 100	600053
KM Acrylic Moulds 25mm dia.	Pk 30	600070
KM Acrylic Moulds 30mm dia.	Pk 30	600709
KM Acrylic Moulds 40mm dia.	Pk 30	600722
Teflon Moulds 20mm dia.	Pk 5	600723
Teflon Moulds 25mm dia.	Pk 5	600724
Teflon Moulds 30mm dia.	Pk 5	600710
Teflon Moulds 40mm dia.	Pk 5	600725
Teflon Moulds 50mm dia.	Pk 5	600726
Rubber Moulds 55 x 30mm.	Pk 5	600727
Rubber Moulds 70 x 40mm.	Pk 5	600728
Rubber Moulds 100 x 50mm.	Pk 5	600729
Rubber Moulds 25mm dia.	Pk 5	600062
Rubber Moulds 30mm dia.	Pk 5	600063
Rubber Moulds 40mm dia.	Pk 5	600064
Silicon Mould Release Spray	500ml	600157



## Cold Mounting Resin Systems

For use when speed and ease are required; especially for high volume production. Also for samples that are easily damaged by heat and pressure generated in compression mounting systems.

Acrylic resins are supplied separately and in two-part kits consisting of powder and liquid. Polymerisation takes place at around 75°C which will not alter most specimens.

Epoxy VLT and Polyester PLT are totally transparent resins which cure at ambient temperature. Kits contain liquid resin and liquid catalyst.

Epoxy VLS is a totally transparent resin which requires a vacuum oven to cure. Kits contain liquid resin and a liquid catalyst.

Acrylic CLB is for conductive mounts for delicate samples.



## Cold Mounting Systems

Type	Colour	Shrinkage	Hardening Time	Pack Contents	Code
Acrylic CLB	Black	Low	15 minutes at 20°C	1kg powder / 1 litre liquid	<a href="#">600714</a>
				1kg powder	<a href="#">600715</a>
				1 litre liquid	<a href="#">600716</a>
Acrylic VLST	Translucent	Very low	10 minutes at 20°C	1kg powder / 500cc liquid	<a href="#">600702</a>
				1kg powder	<a href="#">600735</a>
				500cc liquid	<a href="#">600736</a>
Acrylic VLB	Blue	Very low	6 minutes at 20°C	1kg powder / 500cc liquid	<a href="#">600703</a>
				1kg powder	<a href="#">600737</a>
				500cc liquid	<a href="#">600738</a>
Acrylic VLXB	Blue	Very low	8 minutes at 20°C	1kg powder / 500cc liquid	<a href="#">600704</a>
				1kg powder	<a href="#">600739</a>
				500cc liquid	<a href="#">600740</a>
Acrylic Yellow	Yellow	-	8 minutes at 20°C	1kg powder / 500cc liquid	<a href="#">600699</a>
				1kg powder	<a href="#">600741</a>
				500cc liquid	<a href="#">600742</a>
Epoxy VLT	Transparent	Very low	12 hours at 25°C	1kg resin with catalyst	<a href="#">600705</a>
				125cc resin catalyst	<a href="#">600743</a>
Polyester PTL	Transparent	Low	90 minutes at 20°C	1kg resin with catalyst	<a href="#">600706</a>
				50cc resin catalyst	<a href="#">600141</a>
Epoxy VLS	Transparent	Very low	3 hours at 50°C	1kg resin with catalyst	<a href="#">600707</a>
				100cc resin catalyst	<a href="#">600744</a>
Epoxy Resin Dye	-	-	-	50g	<a href="#">600708</a>

## Hot Mounting Systems (Requires Hot Mounting Press)

Hot embedding resins are extremely hard, acid-resistant and low-shrinkage. They reduce sweating and guarantee clean edges when polishing. Hot embedding resins are available in powder form and are divided into two categories:

- Thermoresistant (Phenolic or Allylic).
- Thermoplastic (Acrylic or Epoxy).



## Hot Mounting Resins

Type	Colour	Use	Size	Code
Phenolic	Black	Standard Examination of all Materials	2.5kg	<a href="#">600800</a>
Phenolic	Black	Standard Examination of all Materials	25kg	<a href="#">600174</a>
Phenolic	Green	Standard Examination of all Materials	2.5kg	<a href="#">600801</a>
Phenolic	Green	Standard Examination of all Materials	10kg	<a href="#">600802</a>
Phenolic	Red	Standard Examination of all Materials	2.5kg	<a href="#">600803</a>
Phenolic	Red	Standard Examination of all Materials	10kg	<a href="#">600804</a>
Phenolic	Brown	Standard Examination of all Materials	2.5kg	<a href="#">600805</a>
Phenolic	White	Standard Examination of all Materials	2.5kg	<a href="#">600806</a>
Phenolic with glass fibre	Black	Standard Examination of all Materials	2.5kg	<a href="#">600807</a>
Allylic with glass fibre	Blue	Examination of Edges (coating, deposits, thermal treatment)	2.5kg	<a href="#">600808</a>
Conductive Acrylic Copper	-	Examination of Polished and electrolytically etched materials	2.5kg	<a href="#">600809</a>
Acrylic	Transparent	Standard Examination of all Materials	2.5kg	<a href="#">600810</a>
Epoxy	Black	Examination of Edges	2.5kg	<a href="#">600811</a>
Epoxy	Black	Examination of Edges	10kg	<a href="#">600812</a>
Silicon Mould Release Spray	-	-	500ml	<a href="#">600157</a>