

# MOULDMAKING

## PVC



**Remeltable PVC Compound** This material is used in similar situations to Silicone Rubber [see below ↓]. It provides a lower cost, but less durable option. Remeltable PVC can be poured over a master to form a flexible mould. Good tensile strength and flexibility will allow castings with deep undercuts to be removed from a one-piece mould, without damage. The material does not require a release agent and when the mould is worn, the product can be remelted [at 130 - 135°C] and used again – a fully recyclable product! We offer the product in two grades, Flexible [Beige] and Semi-Flexible [Blue]. Choose the Semi-Flexible for large moulds and the Flexible for more detail. The melting pot gives a thermostatically controlled temperature range of between 50°C and 200°C and will prevent scorching. Be aware that the product will not reach sufficient heat to melt on a water jacket double boiler. Jesmonite do not recommend using this in conjunction with their products, but instead to use a high grade silicone moulding compound.

Remeltable PVC Compound	code	1 kg	code	Tradeline 25 kg
Flexible [beige]	PRO1011482	£11.30	PRO1011505	£171.68
Semi-Flexible [blue]	PRO1011512	£11.98	PRO1011536	£171.68

Melting Pot	volume	code	Tradeline
Melting Pot	2.5 L	PRODPS25	£489.50

## SILICONE



**Silicone Rubber** An excellent general purpose silicone rubber used for mould making where minute surface detail needs to be reproduced and deep undercuts are present. Silicone rubber has virtually no shrinkage and therefore will accurately reproduce dimensions and is an extremely durable material. All packs include a curing agent. To thicken silicone rubber and enable it to be "buttered up" onto vertical surfaces to create a mould add thixotrope agent. Also see Body Double and Alginate [page 97].

Silicone Rubber	size	code	price
Includes curing agent	500 g	PRO1011352	£22.82
Includes curing agent	2 kg	PRO1011369	£77.28

  

Thixotrope	size	code	price
For 500 g silicone rubber	15 g	PRO1011437	£4.46
For 2 kg silicone rubber	60 g	PRO1011444	£11.36



**Need a moisture barrier for your mouldmaking? You'll be looking for Bond's G4 Damp Seal. Head over to primers on page 11.**

## LATEX & CASTING EMULSIONS



**Flints Slush Latex** A popular latex generally used for cast moulding where the latex is poured into a plaster mould. The latex is sensitised to give a speedy build up on the plaster. Thorough drying takes place over 24 hours. The latex should be detacked with talc before removing from the mould.

See website [www.flints.co.uk/downloads](http://www.flints.co.uk/downloads) for full data sheets.

Slush Latex	size	code	price	Tradeline 4 +
	5 L	PAT848	£94.87	£82.08



Also check out Hato@Vit below ↓

**Flints Dipping Latex** Latex is a natural air drying liquid rubber used to make thin elastic self-releasing moulds. It is ideal for making small moulds without too much detail. It is the simplest of the mould materials as the object is simply dipped into the latex repeatedly until a thickness has built up. Allow to dry for 24 hours before removing using talc to de-tack [page 25]. Great value.

Dipping Latex	code	20 L
5L	FHSDP05	£41.14
20 L	FHSDP25	£111.82
Latex thickener [100 g]	PAT844	£3.50



**HATO@Vit K50** The HATO@Vit K50 is a filling emulsion for sculptures, relief, props, candelabras, and masks. It's a great material for prop making because it's unbreakable, keeps its shape, can be nailed, and glued. Perfect for making terracotta-style pots and vases that won't smash! Fresh mouldings will show sharp contours and require no reworking. Ready to use straight from the pot; there is no loss of material in preparation, but will shrink 5 - 10%, so make mouldings correspondingly oversized. Can be used as a mould but only cast into it with plaster of paris. Easily over-coated with standard scenic acrylic paints when dry, or the materia can be tinted with HATO@Tex Paint [available to order], max 5% addition.

HATO@Vit K 50	1 kg	price	5 kg	Tradeline
	PAT105001	£15.90	PAT105005	£55.47



Nose in natural colour, and pink piece coloured with HATO@Tex.

**Rubber Milk** A stabilised form of natural rubber; the resulting casts are highly flexible and naturally have a slightly yellowish-milky colour. See also Liquid Latex page 108. Can be tinted by adding up to 5% of HATO@Tex Paint [available to order]. Only cast into plaster moulds that are thoroughly dry. Shrinkage: 5-10%. Rubber Milk is quite thin already and easy to pour but if it needs to be

diluted, please use a 10% Ammonia Solution. Pour into the mould, and leave for about 15-20 minutes, until the desired wall thickness has been reached. Demould after 1 1/2-2 hours. Full cure after 3-12 hours depending on temperature. Higher temperatures can reduce the cure time, but temperatures should not exceed 45°C when in the mould, and 80°C once demoulded.

Rubber Milk	code	price
1 kg	PAT1062	£22.92

## CLAY



**Newclay** An off-white clay reinforced with nylon so it is not brittle. It can be fired in a kiln at between 1,000 - 1,250°C or can be hardened with one of the two available hardeners. Hardener H1 is brushed onto the model once dry and hardener H2 is mixed with the clay immediately prior to use. Soon to be replaced - keep an eye out.

Newclay	size	code	price
Off-white	1 kg	PR0461	£4.50
Off-white	4.5 kg	PR0463	£11.89
Off-white	12.5 kg	PR0464	£20.40
Hardener H1	113 g	PR0461HH1	£5.44
Hardener H2	225 g	PR0461HH2	£7.50



**Standard Grey Clay** Standard grey clay good for all round, general purpose jobs such as modelling, throwing, casting and romance. Cures to a pale buff colour with smooth texture. Fires at 1120° to 1280°C. Supplied in 20 kg plastic wrapped blocks.

Grey Clay	code	price
20 kg	PROSGC25	£10.40

## PLASTER



**Fine Casting Plaster Plus** This is a very fine plaster intended for casting. Plaster moulds are normally only used once and are referred to as waste moulds. The addition of a little PVA will strengthen the mould. The original is generally modelled in clay. It must be treated with a release agent before use. To seal moulds prior to using resin-based systems

see G4 on page 11. Available in a 2.5 kg tub or a 25 kg sack.

Fine Casting Plaster Plus	code	2.5 kg	code	25 kg
	PR04622	£9.85	PR04621	£17.02



**Prestia Classic Casting Plaster** A very consistent casting plaster, widely used for ornamental plaster moulding both for reverse moulds and castings. Excellent for sculpting, giving very fine detail. Available in a 5 kg tub or a 25 kg sack.

Classic Casting Plaster	code	5 kg	code	25 kg
	PROPCP5	£10.91	PROPCP25	£19.50



**Prestia SH Alpha Plaster** A high quality hard casting plaster. With significantly less expansion than similar plasters, and a slower setting time, this plaster will set very hard. Popular for use with acrylic resins for casting. 25 kg bag.

SH Alpha Plaster	code	price
	PROSHA25	£26.95



**Plaster of Paris** Very fine plaster which is quick setting, easy to prepare and easy to sand. Ideal for plastering, bedding or moulding. Thickness up to 150 mm depth. Working time for moulding 10 - 15 minutes. Available in a 4 kg sack.

Plaster of Paris	code	price
4 kg	PROPP4	£10.19

## RELEASE AGENTS AND MOLD SEALS



**Smooth-On Universal Mold Release** Universal Mold Release Agent is formulated especially for mould-making and casting and works well with most liquid rubber and liquid plastic products. Will release mould rubbers such as polyurethanes and poly-sulfides as well as sealing wood, plaster, concrete and water or sulphur based clays. Easy to use spray can - shake well, and spray from a distance of 12".

Smooth-on Universal Mold Release	code	price
12 oz [0.34 kg] spray can	PRO70010	£15.69



**Soft Wax Mixture Paste** Ideal for sealing the pores on a mould. Used to release hard polyurethane foams and casting materials from GRP, wood and silicone. Covers 50 g per m<sup>2</sup>. Dries clear after use.

Soft Wax Mixture Paste	code	price
500 g	JESRW	£20.63



**Silicone Spray Release Agent - Formula 6** Multi-purpose medium duty release agent. Ideal for all thermoplastics and many kinds of rubber. Can be used with Jesmonite.

Formula 6	code	price
400 ml	PROF6	£14.42



**Smooth-On SuperSeal** A fast drying, economical sealing agent for porous surfaces such as wood concrete or gypsum plasters. Effectively seals surfaces without compromising the detail. SuperSeal can easily be removed by rinsing with warm water.

Smooth-on Super Seal	code	price
0.36 kg	PR084540A	£23.51

## SUPPORTS



**Mod Roc and Plaster Bandages** An impregnated bandage which is activated by immersion in water. Used largely for life casts. The bandaging sets within 5 minutes and is hard in 30 minutes. Available as bandage or cut in pieces known as Mod Roc. Also see Varaform [page 99] and Wonderflex [page 99].

Plaster Bandage	LxW	code	price
4 rolls	3 m x 50 mm	PR04650	£4.95
2 rolls	3 m x 80 mm	PR04675	£3.12
Mod Roc	size	code	price
Cut pieces	6.5 kg	PR0460	£43.85
1 roll	170 g	PROMR275	£2.65