



Vinamold

Vinamold and Gelflex are both generic trademarks for a re-usable vinyl mouldmaking material developed to make flexible moulds for casting concrete, plaster, resins and waxes. Vinyl has the advantage that the product can be both kept in storage for long periods, but also re-melted and re-used to make new moulds when required.

Although many mouldmakers tend now to use silicone in place of vinyl, the product does have merit for some prototyping work and educational applications in particular, because of its re-usability.

We do sell a very good little technical booklet covering the use of Vinamold, this includes tips on mouldmaking and general use and re-use of the product.

You can find this booklet in the Books section of our web page, centre click through (Technical Booklets), far left of the top row the booklet is titled Flexible Moulds (it has a bright yellow cover).

Vinamold is available from Alec Tiranti Ltd. in three colours and grades.

Yellow: the Hardest grade of Vinamold, more suited to moulds with large overhangs or open moulds which don't need a mould jacket.

Hard grades are also preferable for casting concrete because it is more resilient and supportive for heavier casting weights.

Red: Soft grade Vinamold is ideal for general purpose moulds, however it is sometimes inclined to leave a trace of red when cast on lighter resins, plasters etc..

Natural: also a Soft grade, this product has no colour pigment, making it ideal for casting paler coloured resins and plaster in particular.

Although Vinamold can be used for exothermic curing resins and waxes, the product is inclined to be problematic when the temperature rises above 80° C.

This makes the product unsuited to casting Glass Wax in particular and some of the higher melting point waxes too.

Mould jackets are typically made in either plaster or Jesmonite.

Plaster jackets are simple effective and probably the cheapest to make, Jesmonite when laminated is lighter and ultimately stronger.

At Alec Tiranti we are always happy to offer help and advice on projects however large or small.

We have people here at Thatcham and also at our shop in Warren Street who have a wide experience using Vinamold.