

History

Historically, paints have been used as both a protective skin and as a decorative surface on walls as well as woodwork.

Tŷ-Mawr's plant based paint range has been carefully developed through considering the needs of their customers, those of their buildings as well as the environment.

As more and more paints come on to the market, it is important to understand what you technically require from your paint as well as considering how it is made.

Tŷ-Mawr plant based paints

These paints are manufactured from the highest quality ingredients produced by Beecks in Germany, then blended into a unique range of colours by Tŷ-Mawr in Wales.

They have an excellent pedigree with over 50 years of continuous manufacture and use. They have been used on some of the most important historical buildings because of their superior properties and the high quality of finish. See www.lime.org.uk for examples.



Wood paints - Applications

This paint, known as Beeck Stand Oil, is perfect for wood and metal work. The range includes an internal, eggshell finish and an external semi-gloss finish. The oil base as well as the absence of acrylic means that it will flex with the wood as it moves (with variations in temperature and moisture). The high quality finish will last for years. It is important to follow the manufacturer's instructions for best results - see www.lime.org.uk or call us for a data sheet.



Why choose Tŷ-Mawr's plant based paint?

- ✓ it is made from **environmentally-friendly, renewable materials**; including refined linseed oil, stand oils and hard vegetable resins, essential oils, finely ground mineral pigments, combined with mineral UV absorbers to ensure maximum colourfastness and lightfastness.
- ✓ there is no **human health hazard** to users or those living and working in the space afterwards.
- ✓ it has a **full declaration of ingredients and descriptions of their composition and origination**, unlike many of the paints on the market today.
- ✓ it is **technically good** i.e. easy-to-use, hard-wearing and proven over a large number of years on thousands of square metres of wood. (Note they do not have conventional artificial drying agents etc, instructions must be followed for best results).
- ✓ it is also **highly vapour permeable** and therefore compatible with other natural and traditional building materials as it will not trap moisture.
- ✓ we offer an excellent **product support** service.
- ✓ we offer a **'tailor-mixing' service** - if you cannot see the colour that you want, we do our utmost to match (within the limits of natural pigments) a colour of your choice eg from an old paint sample, printed colour sample etc. See www.lime.org.uk for further details.



Preparation

The substrate must be clean, dry, firm and stable.

New wood should be treated with the Beeck Oil Primer - see below - prior to applying two or three coats of the thinned paint.

Painted wood should be sanded down as well as aged, untreated wood that appears grey - see manufacturers instructions for different types of wood.

The undercoat (precoater) can then be applied to prepare the wood prior to painting.

Always try out a test area.

Beeck Oil Primer – for both indoor and outdoor use. Dries tack-free and is non-swelling regarding water. Contains no biocides. Ideal for priming most wood.

Undercoat (Precoater) – a white-matt diffusible undercoat for wood and metal surfaces, interior and exterior use. Ideal priming coat for the internal and external plant-based wood paints and as an intermediate coat for the Corrosion Oil Protection on metal.

Corrosion Oil Protection – a covering priming paint for bright metal and steel, indoors and outdoors. Suitable e.g. for steel girders, fittings or bars. Has an inactivating, inhibiting effect on the metallic surface. Not suitable for galvanized steel sheet.

Other useful products:

Homestrip Paint Stripper – a water-based paint stripper suitable for stripping wood and metal surfaces including lead-based paints, oil-based paints, solvent-based paints as well as water-based paints & emulsions. Also effective on polyurethane's, stains, varnishes and waxes, fire-resistant paints and rust-preventative surface coatings. Safe to use and better for the environment than solvent based strippers.

Balsam Lacquer Thinners – plant based solvent (a nice white spirit!) used for diluting the plant-based oil paints for wood and metalwork and cleaning surfaces and brushes.



Water absorption and water-vapor diffusion characteristics:

W ₂₄ -value:	<0.1 kg/m ² h ^{1/2})
s _d -value (H ₂ O):	<0.5 m
Physical/Technical Characteristics:	
Density:	1.2 – 1.3 g/cm ³
Efflux time (3 mm ISO/20°C):	100 secs
Solids content:	78 wt-%

Beeck Stand Oil plant-based wood and metal paint

exceptional quality paints blended in Wales
using Beeck's finest raw ingredients

- ✓ non toxic, safe
- ✓ fully breathable
- ✓ environmentally friendly
- ✓ finest raw ingredients
- ✓ tried and tested
- ✓ flexes gently with the wood
- ✓ colour and lightfast
- ✓ eggshell and semi-gloss finishes
- ✓ blended in Wales

Tŷ-Mawr, Units 5 and 12, Brecon Enterprise Park,
Brecon, Powys LD3 8BT
Tel: 01874 611350 Fax: 01874 622774
Email: tymawr@lime.org.uk www.lime.org.uk

Tŷ-Mawr plant based paint (Beeck Stand Oil)

interior (eggshell) and exterior (semi gloss) wood and metal work



While every effort is made to ensure the accuracy of colour, due to the limitations in the print process variations may occur. We recommend the purchase of sample pots for testing in situ.
Tailor mixing and other shades are available please call.