



TIMBASOL®
DISPERSIONS FOR WOOD COATINGS



Empower Color Globally



Timbasol is a range of high-quality 'stir-in' dispersions, available in both solvent-based and water-based formulations, for wood coating applications. Timbasol enhances the aesthetic appeal of wood while providing significant technical benefits and protection.

Timbasol Range

Timbasol AF Series

Solvent-based, aromatic-free, high-flashpoint dispersions

Timbasol SL Series

Solvent-based alkyd technology

Timbasol WA Series

Water-based acrylic resin technology

Timbasol WL Series

Resin-free, low-VOC, water-based dispersion

Timbasol WF Series

Resin-and VOC-free, water-based dispersions



Leading Technology

As a global manufacturing leader of transparent iron oxide and iron oxide pigments, OXERRA offers a combination of advanced technology and dispersion expertise, ensuring total quality control throughout the entire manufacturing process.

Applications

- Interior and exterior wood coatings
- DIY stains – fences, decking, garden furniture, windows and outbuildings
- Wood preservatives and protective coatings
- Furniture stains and lacquers
- Laminated flooring

Color Blend Service

Using the Timbasol dispersion ranges, OXERRA offers a full color-blending service, producing wood-tone matches to customer specifications.

Technical Benefits

The high durability and weather fastness of Timbasol dispersions make them the ideal choice for protective wood coatings.

Timbasol transparent iron oxide pigment dispersions are strong absorbers of UV radiation, providing protection for the wood substrate while their color and transparency enhance the natural wood grain.

These dispersions are also formulated to provide wide compatibility and excellent stability.

Due to their pourable and pumpable viscosity, Timbasol products offer ease of handling for your applications.



Natural Wood Tones

All natural wood tones can be achieved by a combination of iron oxide and carbon black pigment dispersions shaded by other supporting dispersions as required.

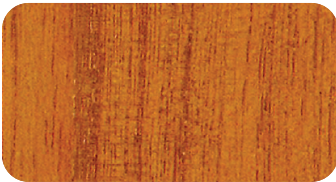
Transparent Yellow Iron Oxide



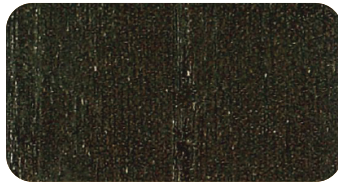
Transparent Red Iron Oxide



Transparent Brown Iron Oxide

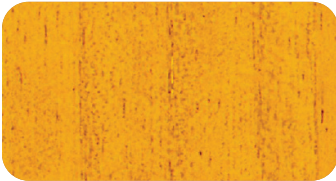


Carbon Black

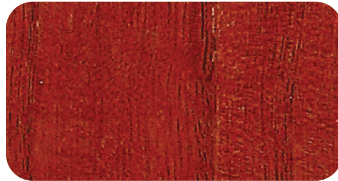


Decorative Wood Tones

Opaque Yellow Iron Oxide



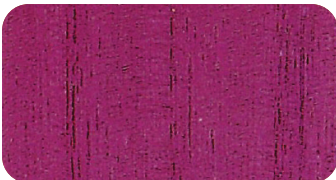
Opaque Red Iron Oxide



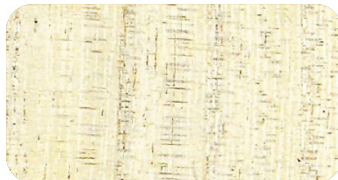
Burnt Umber



Organic Violet



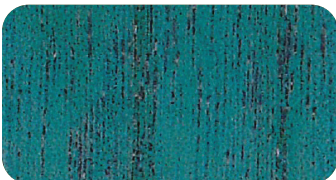
Titanium Dioxide White



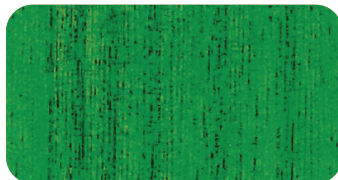
Organic Red



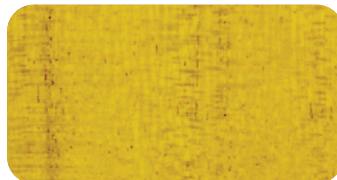
Organic Blue



Organic Green



Organic Yellow



IMPORTANT COLOR ACCURACY NOTE

Color chips shown are only as accurate as the printing process allows. Colors may differ slightly from actual shades. This is for your reference only. Actual samples will provide best representation.

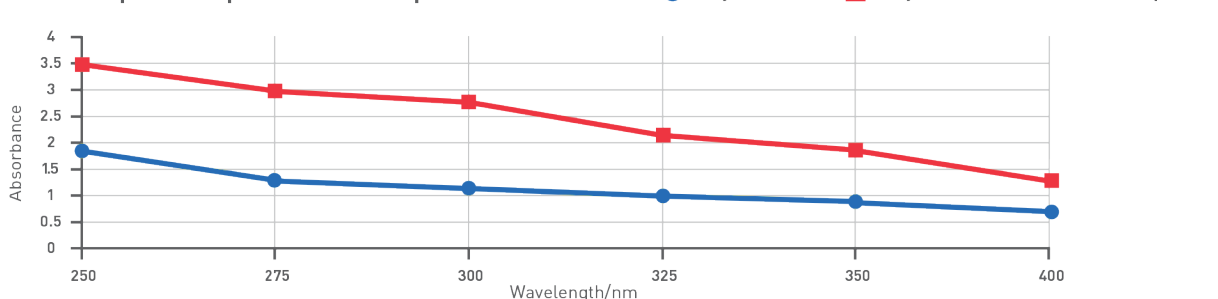
Timbasol Pigment Types

Description	C.I. Reference	Solvent Based	Water Based
Transparent Red Iron Oxide	Red 101	✓	✓
Transparent Yellow Iron Oxide	Yellow 42	✓	✓
Transparent Brown Iron Oxide	Red 101	✓	✓
Carbon Black	Black 7	✓	✓
Opaque Red Iron Oxide	Red 101	✓	✓
Opaque Yellow Iron Oxide	Yellow 42	✓	✓
Burnt Umber	Brown 6	✓	✓
Organic Violet	Violet 19	✓	✓
Titanium Dioxide White	White 6	✓	✓
Organic Red	Red 112	✓	✓
Organic Blue	Blue 15:3	✓	✓
Organic Green	Green 7	✓	✓
Organic Yellow	Yellow 74	✓	✓
Ultrafine Titanium Dioxide White	White 6	✓	✓

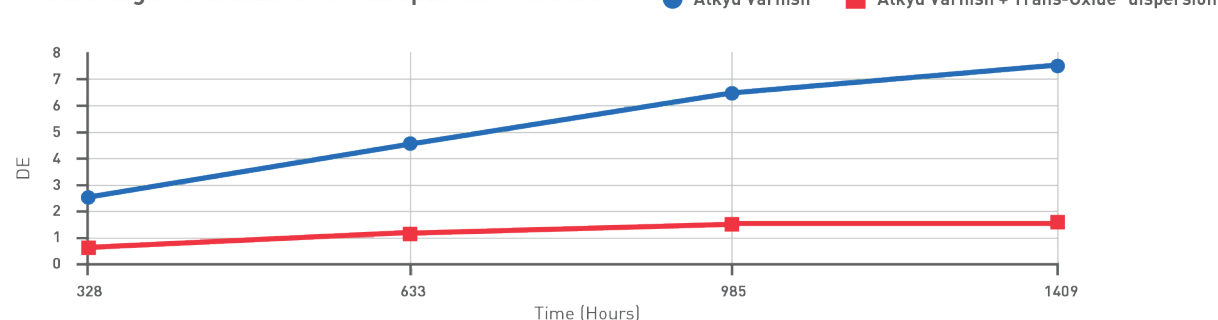
UV Protection

Timbasol products offer the formulator the ability to produce a wide color palette of natural shades with the added benefit of excellent lightfastness, weatherability and UV protection. One of the benefits that transparent iron oxide dispersions offer is the long-lasting protection from wood degradation caused by UV light.

UV Absorption Properties of Transparent Iron Oxide



Weathering Performance of Transparent Iron Oxide



If left unprotected, ultraviolet radiation from sunlight (280–400 nm) will lead to the decomposition of lignin in wood and the destruction of the wood's cell structure.

Timbasol transparent iron oxide dispersions absorb UV light, enhancing the natural wood grain during outdoor exposure.

Timbasol dispersions eliminate the need for expensive and time-consuming pigment grinding and color control processes, increasing productivity for coatings manufacturers.

Timbasol Ultrafine White Dispersions, utilise ultrafine Titanium Dioxide technology to allow the user to impart protection from UV light into wood shades, allowing them to be used in both interior and exterior applications whilst maintaining the natural wood grain appearance.

Color that's meant to last.

OXERRA is internationally recognized as a superior manufacturer of iron oxide and other pigments for the coatings, plastics, specialties and construction industries.

Our drive to produce high-quality, unquestionably pure pigments combined with our iron-clad customer service makes us the obvious choice.



**An Unmatched Global Manufacturing Network
Across Eight Countries on Four Continents**

oxerra.com