

Pigments for Wood Stain

Coloring Wood

Wood is one of the world's oldest and most versatile and sustainable building materials. As the evolution of applications grew, expectation raised for improving the durability of wood using coatings to seal the fibers and creating a harder surface. Many of these protective coatings eventually moved from purely functional to also providing decorative enhancement.



The beauty of wood's natural grain and coloring can be enhanced through the application of transparent stains and glazes to create simply subtle to beautifully bold highlights.

Oxerra offers a wide range of iron-oxide pigments offering inherent lightfastness, chemical resistance, natural color shade and ability to absorb UV light which provides protection that would normally damage most resin systems.

Wood Species & Color

The wood species natural coloring will impact the final appearance. Oxerra is the world's leader in semi-transparent iron-oxide pigments for wood finishes and offers a full range of Umbers, Siennas, Ochres and Van Dyke Brown.

COLOR VARY BY WOOD SPECIES
(STAINED WITH 511BU BURNT UMBER)



778BN Van Dyke Brown
applied and sanded to
highlight the wood grain
pattern

Colored stain is applied and
wiped off (a wiping stain)



Natural Iron Oxides

Umbers and Siennas are natural earth pigments containing iron oxide, manganese dioxide and clay minerals. The variation of shades in this range is due to the chemical composition, degree of calcination and mining location. Their semi-transparent properties make them ideal for giving a natural finish to wood stains and protecting wood by absorbing harmful UV rays but also for artists’ paint.

<u>RAW SIENNA</u>	Color Index	Primary Composition	Heat Stability	Masstone	Tint (1:3)
211RS	Pigment Yellow 43	Goethite	175°C		
<u>BURNT SIENNA</u>	Color Index	Primary Composition	Heat Stability	Masstone	Tint
310BS	Pigment Red 101:1	Fe ₂ O ₃	315°C		
<u>RAW UMBER</u>	Color Index	Primary Composition	Heat Stability	Masstone	Tint
406RU	Pigment Brown 7	Goethite	175°C		
413RU	Color Index Pigment Brown 7	Primary Composition Goethite	Heat Stability 175°C	Masstone 	Tint 
9546RU	Color Index Pigment Brown 7	Primary Composition Goethite	Heat Stability 175°C	Masstone 	Tint 
<u>BURNT UMBER</u>	Color Index	Primary Composition	Heat Stability	Masstone	Tint
511BU	Pigment Brown 7	Hematite	315°C		
L1653/535BU	Color Index Pigment Brown 7	Primary Composition Hematite	Heat Stability 315°C	Masstone 	Tint 
550BU	Color Index Pigment Brown 7	Primary Composition Hematite	Heat Stability 315°C	Masstone 	Tint 
<u>VAN DYKE BROWN</u>	Color Index	Primary Composition	Heat Stability	Masstone	Tint
778BN	Synthetic Brown 8	Carbon, Magnesium Silicate	175°C		