



TEXTROL® HES

ONECOAT PENETRATING OIL FINISH FOR WOOD

Product description	TEXTROL® HES is a onecoat, penetrating oil finish for softwoods and European hardwoods. Developed to penetrate deep in to the wood, TEXTROL® HES has a high solids content that protects the wood against the vagaries of the weather and UV rays. Having a matt-sheen finish, TEXTROL® HES enhances the grain and natural beauty of the wood.
Properties	• Onecoat, penetrating oil finish. • High solids content - Increased UV protection. • Enhances the natural beauty of the wood. • Non-film building - No peeling or flaking. • Microporous - Allows wood to breathe. • Matt-sheen finish. • Based on natural oils.
Basic uses	• Exterior use only. • Softwoods - Cedar, Larch, Spruce, Pressure Treated Softwood, THT (see restrictions)... • European hardwoods - Oak, Chestnut, Beech... • Horizontal and vertical surfaces. • Rough sawn or planed wood. • Decking, Cladding, Garden Furniture, Shingles, Fencing, Chalets...
Technical data	Finish: Matt Sheen. Vehicle Type: Alkyd. Solvent Type: White Spirit. Viscosity: Semi-fluid. Specific Gravity (at 20°C): 0.960 ± 0.05. Solid Content: 69 % ± 1. Flash Point: > 60°C. Shelf Life: 2 years in original, unopened container. Container Size: 1L, 5L, 20L. Colours:  CLEAR  LIGHT OAK  MEDIUM OAK  RUSTIC OAK  TEAK Application Temperature: 5°C to 30°C. Drying Time (at 20°C and 50 % RH): 24 hours depending on temperature and humidity. VOC: EU limit for this product (Cat A/e) 400 g/l (2010). This product contains max 310 g/l.
Application tools	Brush. Roller. Spray.
Good application practice	Before starting, test colour choice on a small area. Allow to dry to determine final colour. Cover everything you do not wish to coat, including plants and shrubs. Do not apply in direct sunlight or to hot surfaces. Surfaces in direct sunlight can reach temperatures of 60°C even when the air temperature is 30°C. Do not apply if cold and/or wet weather is expected within 24 hours. Do not thin. Always work the entire length of a board or piece of wood to a logical break. Never stop application in the middle of a board or piece of wood. Vertical cladding should be coated from top to bottom. After spray application, always back-brush or back-roll to improve penetration and uniformity of coverage. Ensure wood is dry - max 18 % moisture content.

Surface preparation	General directions: Surfaces must be clean, dry and free of dirt, grease, grime, mildew and previous coatings. Treat mildew with a 50/50 bleach/water solution. Scrub solution on to surface and allow to stand for 10-15 minutes; rinse thoroughly. After cleaning and/or stripping, allow wood to dry 2-3 good drying days or until it has reached a moisture content of 18% or less before applying finish. TEXTROL® HES can only be applied to bare wood surfaces or weathered surfaces previously finished with TEXTROL® HES. ALL other finishes MUST be completely and thoroughly removed. If necessary sand surface after cleaning and/or stripping (80 grit paper). New wood surfaces: Rough Sawn: Apply TEXTROL® HES. Planed: New smooth, planed wood has a hard shiny surface called mill-glaze that prevents maximum penetration and adhesion of any finish, this should be removed to ensure maximum performance of the finish. Treat with AQUANETT®* or PREPDECK®* and neutralise with NET-TROL®* OR sand with 80 grit paper to open the wood pores, dust off and degrease surface with Methylated Spirits. Weathered wood surfaces (untreated): Wood that has weathered longer than 12 months or turned grey should be cleaned with NET-TROL®* to remove all loose wood fibres, dirt and other surface contaminants. If wood is severely contaminated, clean with AQUANETT®* or PREPDECK®* and neutralise with NET-TROL®*. Previously coated surfaces (oiled, paint, stain, varnish...): All previous coatings must be completely and thoroughly removed. Oils and sealers: Strip with AQUANETT®* or PREPDECK®*, neutralise with NET-TROL®*. Solvent (oil or alkyd based finishes): Strip with DILUNETT®* neutralise with NET-TROL®*. Acrylic finishes (Water-based): Strip with PREPDECK®* neutralise with NET-TROL®*. Other finishes i.e. 2 pack epoxies, urethanes... Strip with CDKP® 90*, neutralise surface with a suitable solvent - Acetone, White Spirits, Methylated Spirits... Note: Hardwoods and woods rich in tannins e.g. Oak, Chestnut, Douglas Fir, Cedar... may darken with AQUANETT®*, PREPDECK®* and DILUNETT®*, neutralising with NET-TROL®* immediately after rinsing will lighten and restore the woods colour.
Application	Use as is. Do not thin. Stir can well before and during application. Apply a single liberal application of TEXTROL® HES working in the direction of the grain. After 15-30 min's brush out excess to improve penetration and give a uniform finish. Note: Do not create a film. TEXTROL® HES is not a surface coating, its place is in the wood not on the surface.
Coverage	12 m² per litre. Actual coverage will vary depending on application method, type, texture, age and porosity of the wood.
Maintenance	Approximately once every 2 years depending on wood species, age of wood at time of initial application e.g. new or weathered and colour used. TEXTROL® HES will gradually lighten over time due to exposure to the sun and UV rays. Inspect finish bi-annually. Maintenance is due when the finish has severely faded or the wood takes on a weathered grey appearance. Surfaces with harsh exposure to the sun, weather and foot traffic will show wear more quickly than other areas. Areas retaining good colour do not need re-treating. Clean surface with NET-TROL®*. Re-apply TEXTROL® HES as directed under "Application". Cleaning with NET-TROL®* once a year between treatments to remove dirt and other surface contamination will renew the appearance of the finish and wood.
Restrictions	Not suitable for exotic hardwoods or thermally heated, oil impregnated wood.
Clean-up	Clean all tools and equipment with white sprits whilst still wet. If allowed to dry, remove with paint stripper. Note: Any rags etc. soaked in TEXTROL® HES may spontaneously catch fire if improperly discarded. Rags etc. must be saturated with water after use or placed in a sealed, water filled metal container, before disposing with household waste.
Storage	Left over TEXTROL® HES should be transferred to a smaller, airtight, closed metal or glass container. Keep from freezing and high temperatures.
General information	Every care is taken to ensure that the information provided in this technical data sheet is accurate. OWATROL International is unable to guarantee results as we have no control over the conditions under which our products are applied. For further advice and information please contact our technical department by email at info@owatrol.com or the local OWATROL Agent for your country. The information above is correct at the date of issue. All other OWATROL products named in this document should be used as per label instructions and the technical data sheet.
Safety	Refer to the safety data sheet (MSDS) available at www.owatrol.com and text on the packaging. Keep out of the reach of children.
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* Same manufacturer