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PRODUCT DATA SHEET

WOOD KRAFT #171 & #174 EXTERIOR OIL-BASE STAIN

PRODUCT PROFILE

DESCRIPTION	Wood Kraft #171 and #174 are linseed oil-alkyd stains formulated to protect and accent the natural grain beauty and texture of exterior wood. This product is available in a clear base (#171) and a white base (#174). Both products have excellent penetration and protective properties which provide good resistance to weathering.
TYPICAL USE	Wood Kraft exterior oil-base stains are recommended for use on new or previously stained exterior wood surfaces such as wood siding, fences, railings, shingles and shakes. These products are recommended where the natural texture and grain of the wood is meant to show through the stain. Wood Kraft stains are not recommended for masonry or metal surfaces or for <u>horizontal surfaces that receive foot traffic such as wood decks</u> .
PRIMERS	Wood Kraft exterior oil-base stains are self-priming and do not require any special primers.
SURFACE PREPARATION	The surface to be stained should be dry and free of any dirt, chalk, loose or peeling paint, mill glaze, grease, mildew, oil, rust, or other foreign contaminants. New cedar, redwood or pressure-treated wood should be allowed to weather for 30 days prior to staining. Repair/Caulk all cracks and fill all small holes or surface voids with wood filler and then sand to smooth finish, followed by dusting. Previously stained wood or wood that has been exposed for any prolonged period of time must be cleaned via high pressure water cleaning. This process is required to remove all of the dead wood fibers that lie on the top of the wood surface. Woodkraft Stains can be applied to dried, weathered pressure treated lumber. If you have any questions about proper surface preparation check your surface preparation guide or consult your Farrell-Calhoun representative.
COLOR	Wood Kraft exterior oil-base stains are available in a clear and a white base that can be tinted to a variety of custom colors. Extremely dark colors are not recommended due to the large amount of colorant required. Dark colors will also hide most texture and grain patterns.
FINISH	Satin @ 60° 5-15 @ 85° 9-19

SOLIDS	#171: 50.9% by weight/38.9% by volume; #174: 56.5% by weight/42.0% by volume
RECOMMENDED SPREAD RATE	Coverage figures will depend greatly on the porosity and texture of the wood that is to be stained. General guidelines are as follows: 100-200 square feet per gallon on rough surfaces and 300-400 square feet per gallon on smooth surfaces. This product is designed to be put on so that the wood grain shows through the coating. If a higher film build is desired then one should use paint instead of stain.
VOC	475 grams per liter
DRY TIME	At 77°F and 50% relative humidity: Six to eight hours to dust, dirt and bug free, twelve hours to tack free, and twenty-four hours to recoat.
APPLICATION PRECAUTIONS	Do not stain if the atmospheric temperature or the substrate temperature is below 45°F or above 90°F. Do not stain late in the day when dew or condensation is likely to form or when rain is threatening. Do not try and stain too large an area at one time and fail to maintain a "wet edge." Failure to maintain a wet edge will result in lapping. This is crucial when applying the product to bare wood. Do not apply in a heavy film build or this product will take an extremely long time to dry.
APPLICATION EQUIPMENT	Conventional or airless spray, bristle brush or lambskin roller cover.
THINNING	Thinning is not recommended. If thinning is required for spray applications, thin with mineral spirits at a rate of 8 ounces of mineral spirits to one gallon of paint.
CLEAN-UP	Mineral Spirits

SHIPPING & STORAGE

PACKAGING	5 Gallon Pails and 1 Gallon Cans.
WEIGHT/GALLON	#171: 8.1 +/- 0.1 Pounds #174: 8.7 +/- 0.1 Pounds
STORAGE TEMPERATURE	Minimum 35°F. Maximum 90°F.
SHELF LIFE	12 months at recommended storage temperature when stored in tightly sealed containers.
FLASH POINT	105°F.

The technical data contained in this data sheet is accurate to the best of our knowledge. No warranty is expressed or implied since the method of application and its intended use is beyond our control.