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WaterKote HARDENER Part A is a new generation 2 component water borne polyurethane finish, incorporating an extended open time that provides exceptional flow and levelling resulting in a polyurethane film offering extremely hardwearing and long lasting protection to flooring and parquetry of all timber species. Because water is used as the alternative carrier to solvent, URETHANE COATINGS WaterKote 2K emits low VOC'S (volatile organic compounds) and is therefore user and environmentally friendly but this advanced technology retains all the durable and hard wearing benefits of solvent based polyurethane.

Uses: WaterKote 2K is used for coating and finishing all timber species, cork, and particle board on commercial and residential floors. WaterKote 2K can be applied over WaterKote SEALER, PURASEAL, TIMBERSEAL, MONOTHANE or DUOTHANE FAST A/DUOTHANE PART A and DUOTHANE PART B. WaterKote HARDENER Part A is compatible with and/or may be mixed with; WaterKote 2K GLOSS Part B, WaterKote 2K SATIN Part B, and WaterKote 2K MATT Part B.

PHYSICAL APPEARANCE & PRODUCT SPECIFICATIONS	WATERKOTE HARDENER Part A
Appearance	Clear Liquid with mild odour.
Colour	Water clear, fully transparent.
WaterKote HARDENER Part A, mixed with WaterKote 2K GLOSS, 2K SATIN or 2K MATT; Drying Time (minutes) @ 25°C & 50% R.H.	Reduced temperature and/or increased humidity will slow drying (extend each drying phase).
Dust Free	30
Tack Free	40
Print Free	60
Hard Dry	100-130
Reflectance [Mixed] (%)	Refer to TDS for, WaterKote 2K GLOSS, 2K SATIN or 2K MATT.
Viscosity HARDENER Part A @ 25°C (seconds)	17-20
Viscosity [Mixed] @ 25°C (seconds)	16-19, Refer to TDS for, WaterKote 2K GLOSS, 2K SATIN or 2K MATT
Solid Content (%)	45 (±1)
Wet Film per coat [Mixed] (mm)	0.100, Refer to TDS for, WaterKote 2K GLOSS, 2K SATIN or 2K MATT
Dry Film per coat [Mixed] (mm)	0.033, Refer to TDS, WaterKote 2K GLOSS, 2K SATIN or 2K MATT
Solubility	Soluble in Water.
Specific Gravity (H ₂ O = 1):	1.02
Thinning (Not Recommended)	Blend into WaterKote 2K GLOSS, 2K SATIN or 2K MATT.
Coverage [Mixed] (m ² /Litre)	10
Full Cure [Mixed] @ 25°C & 50% R.H. (Days)	2-4, and 5-7 days before using cleaning emulsions.
Shelf life (Months)	12. Store between 5°C & 30°C, DO NOT Freeze.
Safety	Non-Hazardous.

Application Data

Please refer to Floor Preparation directions and Application Method detailed on page 2 of Technical Data Sheets for; WaterKote 2K GLOSS Part B, Waterkote 2K SATIN Part B, Waterkote 2K MATT.

WATERKOTE 2K PREPARATION:

MIXING REQUIRED at the ratio of; 10 Parts WaterKote 2K Part B to 1 Part WaterKote HARDENER Part A.

Shake each container well for at least one minute and then stand each container for three minutes before mixing.

ADD and SIMULTANEOUSLY mix thoroughly, WaterKote HARDENER Part A to WaterKote 2K Part B, then allow the mixture to stand for two minutes. Mixed WaterKote 2K has a pot life of 2 hours (@ 25°C and 50% relative humidity).

Smaller mixtures (< 2Litres) and increased temperature and/or reduced humidity will REDUCE the pot life.

N.B.

- 1) WaterKote 2K GLOSS, 2K SATIN and 2K MATT are all completely compatible with each other, and can be mixed together and coated over each other.
- 2) WaterKote 1K GLOSS, 1K SATIN and 1K MATT are completely compatible with each other, and also can be mixed together and coated over each other.
- 3) As an alternative to WaterKote SEALER, Urethane Coatings solvent based TIMBERSEAL is a well proven fast drying sealer. As a 3 coat system TIMBERSEAL can be coated with WaterKote 1K, or WaterKote TWO PACK.

COVERAGE:

Mixed WaterKote 2K, 10m² per Litre.

THINNING:

Thinning WaterKote HARDENER is not recommended.

ADD and SIMULTANEOUSLY mix directly from container into WaterKote 2K GLOSS Part B, WaterKote 2K SATIN Part B or WaterKote 2K MATT Part B.

CLEAN UP:

Thoroughly wash brush, roller and all associated equipment with water. If mixed WaterKote 2K has become 'tacky' [has partially dried] first rinse of excess with water, then wash off any build-up of WaterKote with Urethane Coatings CLEANING SOLVENT as the 1st wash, then wash with water. Dry roller, brush and associated equipment before reusing.

PACKAGING:

WaterKote HARDENER Part A is supplied in 500ml & 1 Litre Plastic bottles.

SHELF LIFE:

WaterKote HARDENER Part A is best if used within 12 months from manufacture, (refer to batch number on label), when stored in unopened containers under normal conditions of temperature (between 5°C and 30°C – *DO NOT FREEZE*) and humidity. Keep containers closed when not in use.

MAINTENANCE:

WaterKote 1K and WaterKote TWO PACK require 2 to 4 days (@ 25°C and 50% R.H.) to fully cure and 5 to 7 days before using cleaning formulations. Avoid heavy foot traffic during this period. After the curing period, regularly sweep with a soft bristle broom or an antistatic mop and as appropriate wash with a mixture of '3 Litres of hot water to one cup of METHYLATED SPIRIT'. To look after the floor, place rugs/mats/carpet squares on the floor and place a door mat outside each entrance, and if possible a softer mat immediately inside each door. The entry mats will assist to remove any sand, grit and small stones from shoe-soles/feet, that when walked over the floor are abrasive, acting like sandpaper. We caution against the use of vacuum cleaners, particularly if the bristles are worn as the cleaning head may then scratch the floor. The frequency of cleaning is dependent on the level of traffic, amount of grit carried onto the floor, and activity of children, and pets etc. In high traffic situations application of a sacrificial wear surface may be considered, i.e. a polish to take the brunt of the traffic. Suitable polishes are; Urethane Coatings **PURASHINE**, Johnsons One Go, Reckitts Long Life, or Peerless Gemini. These polishes are water borne and easily applied with a foam applicator. Allow at least 10 days for WaterKote 2K SATIN to cure before application of Polish. USE protective pads under legs of furniture and ALWAYS AVOID dragging furniture over the floor.

WARRANTY:

Written claims to be made to seller within 7 days of goods received. Urethane Coatings (UC) warrants its' products to be free of defects in materials, and within their manufacturing specification but makes no warranty as to application and installation. As methods of application and on site conditions are beyond the manufacturers' control and can affect performance, UC makes no other warranty, expressed or implied, including warranties of merchantability and fitness for a particular purpose. Urethane Coatings' sole obligation shall be, at its option, to replace, or refund the purchase of the quantity of Coatings proved to be defective and UC shall not be liable for any loss or damage including incidental or consequential damages arising from the use of UC products.

PRODUCT IDENTIFICATION:**NON-HAZARDOUS**

UN No.: Not applicable

CLASS: Not applicable

PKG: Not Applicable

Correct Shipping Name:

Not regulated for Transport of Dangerous Goods.

SAFETY:

For detailed Health and Safety information refer to the WaterKote HARDENER Safety Data Sheet (SDS) or visit;
www.urethanecoatings.com.au

FIRST AID:**Eye Contact**

If this product comes in contact with eyes: Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin Contact

If skin or hair contact occurs: Flush skin and hair with running water (and soap if available).
Seek medical attention in event of irritation.

Inhalation

If fumes, aerosols or combustion products are inhaled remove from contaminated area.
Other measures are usually unnecessary.

Ingestion

Immediately give a glass of water.

Precautionary Statement

First Aid is generally not required, treat symptomatically.
If medical advice is needed, have product container or label at hand.
Keep out of the reach of children.
Read label before use.

Notice to Reader:

URETHANE COATINGS make no representation as to the completeness and accuracy of the information contained on this Technical Data Sheet. It is the user's obligation to evaluate and use this data, and to comply with all relevant Commonwealth, State and Local Government laws and regulations. Urethane Coatings shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendations contained herein, from abnormal use of the material, or from any hazard inherent in the nature of the material.

END OF TECHNICAL DATA SHEET