



Pennkote One Plus - Sport, Recreation & Play Surfaces

DESCRIPTION

PENNKORT ONE PLUS is a high solids, waterbased, synthetic rubber compound containing selected inert fillers, stable pigments and a special combination of rubber aggregates to provide unique cushioning properties. **PENNKORT ONE PLUS** is ideally suited for use on tennis courts, or any other sport, recreation or play surfaces where soft soled shoes are required. Contact **PENNKOTE** for information regarding surfaces custom designed for spiked shoes.

NOTE: **PENNKORT ONE PLUS** consists of **PENNKORT** base coat of specified thickness, which varies depending on the substrate and intended use, and **PENNKORT COLOUR KOTE** as a top or finish coat. **PENNKORT COLOUR KOTE** is available in five different standard colours. Custom colours are also available. Contact **PENNKOTE** for details.

APPLICATION DATA**SURFACE PREPARATION
(NEW, ON GRADE SLAB)**

Concrete or asphalt slab must be properly cured and free of laitance, dirt, dust and grease. Apply one coat of **PENNKORT SURFACE CONDITIONER** at the uniform rate of 200 sq.ft./gallon using a squeegee, roller or airless spray. Allow to dry to touch. Any visible cracks (other than hairline cure cracks) should be detailed with **PENNFLEX** fabric and **PENNKORT ONE PLUS (BASE KOTE)**.

**SURFACE PREPARATION
(NEW, ROOFTOP CONCRETE SLAB)**

Concrete must be properly cured and free of laitance, dust, dirt and grease. If moving cracks larger than 1/32" are visible, refer to the specification for **PENNKORT RECREATIONAL DECK SYSTEM**. If cracks (other than hairline cracks) are not visible in the slab, but waterproofing of the deck against the potential of future cracks and resulting leaks is required, then the following procedure is necessary.

Apply one coat of **WATERTITE SURFACE CONDITIONER** with spray or roller at the uniform rate of 250 sq.ft./gallon. Allow to dry to touch. Apply one coat of **WATERTITE TPM** at the uniform rate of 125 sq.ft./pail using an industrial airless spray or large rubber-edge squeegee. Allow to dry tack free.

APPLICATION (GENERAL)

On smaller confined spaces, apply **PENNKORT ONE PLUS** with a low-knap roller or whitewash brush. On large open spaces, use a large rubber edge squeegee. Pre-mixed product is available for use directly out of the pail when applying with a brush or roller.

APPLICATION (SQUEEGEE)

This common method of application for tennis courts and other large areas often requires a higher dilution ratio than roller or brush application so as to avoid "ridging" off the leading edge of the squeegee. A standard size tennis court (60' x 120') requires a minimum 4 coat application, 2 coats of **PENNKORT ONE PLUS BASE KOTE** and 2 coats of **PENNKORT ONE PLUS COLOUR KOTE**, with each coat using 200 litres of undiluted product. Material may be diluted up to 33% with water (ratio 1:2) depending upon air temperature, surface temperature and relative humidity.

Diluted material is then poured onto surface in continuous parallel lines and spread immediately with a large rubber-edged squeegee. The squeegee shall be pulled on an angle spreading the mixture towards the applicator allowing no overflow on its forward edge. Care should be taken not to apply product on hot surfaces or in direct mid-day sunlight in summer weather as the rubber aggregate in **PENNKORT ONE PLUS** may be pulled out of suspension by the squeegee due to extremely fast drying conditions. The ideal application procedure is one coat early morning and one coat late afternoon. If surface becomes too hot for easy spreading, a light water mist may be applied to surface, however, do not apply product to saturated wet surface or when rainfall is imminent.



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<p><u>COLOURS</u></p> <p>PENNKORT ONE PLUS BASE KOTE: Grey-black. PENNKORT ONE PLUS COLOUR KOTE: Green, Dark Green, Tan, Red Oxide, Brown (Custom colours available on request).</p>
<p><u>CLEAN-UP</u></p> <p>Clean all tools immediately after use with water. If material becomes dry and hard, use mineral spirits or xylene.</p>
<p><u>PACKAGING</u></p> <p>20 Litre pails or 200 Litre drums.</p>
<p><u>AVAILABILITY</u></p> <p>Manufactured in Ajax, Ontario with distribution throughout Canada and the U.S.</p>

PROPERTIES	
Solids Content	71%
Water Vapour Transmission (ASTM D-1653)	7 perms
Weather Resistance (ASTM D-522)	No effect after 5,000 hours
Colour Fastness (ASTM E-188)	Unaffected after 48 hours exposure
Adhesion (ASTM C-321)	57 psi concrete 49 psi asphalt
Impact Resistance (CGSB1-GP-71)	92 inch lbs
Heat Cold Cycling	No deterioration, cracking or blistering after 10 cycles.
<p>PENNKORT ONE PLUS is a waterbased, non-flammable and contains no harmful vapours. It is safe to use in enclosed areas. PROTECT FROM FREEZING. Once frozen, the product is unusable. Do not apply over a wet surface, when raining, under threat of rain or when rapid temperature drop to near freezing is possible.</p> <p>CAUTION: KEEP OUT OF THE REACH OF CHILDREN.</p>	
<u>WARRANTY</u>	
<p>PennKote Ltd. warrants its products against manufacturing and material defects. PennKote will, for a period of two years from the date of application, supply replacement material for product proven to be defective. This warranty is in lieu of any and all other warranties expressed or implied. Pennkote Ltd. and any Distributor or Retailer of this product accept no liability for incidental or consequential damage due to defective material or improper installation. The user shall determine the suitability of this product for intended use.</p>	