

**DESCRIPTION**

Two part, polymeric MDI cured, polybutadiene modified blocked polyurethane coating.

FEATURES & USES

WATERTITE WS produces, upon curing, a tough, seamless membrane which is virtually unaffected by water, ice, salt, fuel oil and acids. **WATERTITE WS** has excellent adhesion to concrete and metal. As a component of the **WATERTITE TDS** System it shows excellent compatibility and intercoat adhesion to **WATERTITE WS LV** and **PENNSEALER EE**.

Typical uses include Garage Decks, Pedestrian Walk-ways and Decks, Balconies, Mechanical Rooms and Industrial Floors.

WATERTITE WS is available in different colours and could be suitably finished and/or textured with different size and type of aggregate for particular end use.

LIMITATIONS

WATERTITE WS is not to be applied to surfaces which have loose material, dust, dirt, grease, oil or water.

NOTE

Consult PennKote Limited for specific data on applications not detailed in this literature.

PROPERTIES

Solids by volume	86% (minimum)
Tensile strength (ASTM D412)	1220 psi
Abrasion loss, Tabor (ASTM C50-1) Wheel CS-17	(1000 gms) 30 mg.
Elongation at break (ASTM D412)	140%
Hardness, shore A	88
Water vapour transmission (ASTM E96)	0.70×10^{-2} perms, metric
Environmental resistance	Excellent: Ozone, extreme temperatures, industrial pollutants. Poor: Ultraviolet light - Direct exposure of all colours except black will result in gradual colour change to green overtone.
Chemical resistance	Excellent: Fuel oils, most acids, alkalai, salts, fungi, bacteria For specific chemicals/concentrations not mentioned, please contact PENNKOTE LIMITED .



Application	WATERTITE WS is packaged in 19 litre (4 gallon) volume proportioned in 22.7 litre (5 gallon) container with activator in 4.54 litre (1 gallon) can. The two components should be thoroughly mixed with a double blade agitator attached to a low speed drill for a period of not less than 7 minutes. IMPORTANT: Improper mixing will not allow the material to cure properly. WATERTITE WS may be applied with a trowel or a squeegee. When applied at the rate of 1 sq.m/l (50 sq.ft./gal) an approximate 1 mm (40 mils) DRY THICKNESS is achieved.
Colours	Black, Tan, Grey.
Pot life	After activation, 45 minutes at 70°F.
Cure time	Pedestrian traffic in 4 to 8 hours. Vehicular traffic in 24 hours. Total cure in 5 days.
Shelf life	Unmixed and unopened, two years.
Cautions	Fresh, unmixed WEAR SURFACE resin compound contains xylene, a volatile and flammable solvent. Once activator has been mixed with resin, product will proceed to cure and cannot be stored and reused.
Storage temperatures	-30°F to +155°F
Coverage	1 sq.m/litre (50 sq.ft./gallon) for 1 mm (40 mils) approximate dry thickness.
<u>WARRANTY</u>	
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.	