

**DESCRIPTION**

**PENNSANITEX** is high solids water-based synthetic rubber compound based on modified elastomeric copolymers, special antimicrobial additives, fillers and inert pigments. It is supplied as a single component thixotropic soft paste easily applied by brush or spray to form upon drying, a tough durable antimicrobial dirt resistant, decorative elastic finish which is resistant to mould, fungi and other micro-organisms. It is particularly suitable for covering all interior surfaces where possibility of microbial contamination exists (food processing plants, breweries, dairy farms, hospitals). It is available in a number of attractive colours.

**APPLICATION DATA**

Prepare surface by removing all loose material, dirt, dust and grease. **IMPORTANT:** For mould infested surfaces scrape to a sound surface, wash down with solution of domestic bleach (one part bleach to eight parts water). Leave for at least eight hours and wash with water, allow to dry. For walls contaminated with grease clean with detergent and hot water. For extremely dirty and contaminated concrete or masonry, surface wash with diluted muriatic acid and water.

**UNPAINTED SURFACES**

If unpainted plaster, brick, concrete, cement, asbestos, or all absorbent wall blocks etc. Remove all traces of mould growth if contaminated following instructions below, and repair any holes or defects with a suitable filler. For concrete, a product such as **SPEEDCRETE** should be used. Allow all repair work to dry thoroughly. Apply the appropriate primer, allow to dry and follow with 2 coats of **PENNSANITEX** as described below.

**TREATING MOULD INFESTATION**

Where mould is present, either in or on the substrate, scrape or clean down to a sound surface, especially in the case of hard finishes which if lifting and badly infested, must be completely removed. Wash down with water soluble germicidal solution available from your supplier. Repair any defects and allow walls and repairs to thoroughly dry before applying the appropriate primer. Glossy, oil, epoxy, polyurethane or alkyd paints must be sanded before applying **PENNSANITEX**.

On metal surfaces apply one coat of metal primer. On very porous surfaces one coat of **PENNSEALER** may be used to improve coverage. On asphalt, singles and bitumen surfaces, use one coat of **PENNPRIMER**, on vertical surfaces apply at least one coat uniformly by brush or spray at the maximum rate of 2 square metres per litre (100 sq.ft. per gallon).

On horizontal surfaces apply at least two coats. Allow first coat to dry for at least two hours before second is applied. Cracks, gaps and joints, use **PENNFLEX** reinforcing fabric.

**Cleaning brushes and tools:** immediately after use, wash with water or with varsol or xylene when dry and hard.

**OVER COATING PENNSANITEX**

Clean the surface and then apply a coat of **PENNSEALER** and allow to dry before applying more **PENNSANITEX**. This water-based material is non-flammable and does not contain volatile or harmful vapours. It is safe to use in enclosed areas. **PROTECT FROM FREEZING.**



<b>PHYSICAL PROPERTIES</b>	
<b>Standard Containers</b>	4 litre pail, 5 gallon pail or 45 gallon drum.
<b>Colours</b>	Standard colour is white. Other colours to order.
<b>Application</b>	<b>PENNSANITEX</b> may be applied by brush, roller or spray as outlined in the application data.
<b>Coverage</b>	Walls and ceilings: 100 sq.ft. per gallon. Coverages obtained will depend upon the regularity of the substrate treated.
<b>Drying Time</b>	Applications will dry in about one hour under ideal conditions. In confined areas, the use of an air blower is recommended to overcome static air conditions.
<b>Finish</b>	Semi-matt finish.
<b>Storage</b>	Keep in a cool dry place. <b><u>MUST NOT BE EXPOSED TO FROST DURING STORAGE.</u></b>
<b>Film Thickness</b>	Variable at will. Minimum thickness on wall and ceilings (.015) inches.
<b>Hygiene</b>	<b>PENNSANITEX</b> will not itself support the growth of bacteria, fungi or algae. Contains anti-bacteria/fungicidal agent.
<b>COMBUSTIBILITY</b> (CGSB 1-GP-71)	No afterglow when test flame was removed.
<b>Heat/Cold Resistance</b>	Resists temperatures up to 80°C. Withstands exposure to -20°C.
<b>Sealing</b>	Waterproofs, seals and protects from environmental conditions.
<b>Steam Resistance</b>	Excellent resistance to steam and humid atmospheres.
<b>Chemical Resistance</b>	Good resistance to water based chemicals.
<b>Water Vapour Transmission</b> (ASTM D1653)	7.00 perms
<b><u>WARRANTY</u></b>	
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.	