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POW-R-LINER

Technical Data Sheet

PRODUCT DESCRIPTION

POW-R-LINER is a top-class super-tough durable 2-pack urethane coating. Protects surface against rust, corrosion, salt, damp and extreme temperatures. Restores even the most worn and uneven surfaces to a new pristine-look finish. Dries rapidly to give scratch and stain-proof surface that is also U.V. resistant. High adhesion, waterproof, flexible, helps deaden sound & vibrations.
Easy and quick to use.

PHYSICAL CHARACTERISTICS	TYPICAL APPLICATIONS																
<p>State: Liquid Colour: Black or Tintable Odour: Aromatic Evaporation rate: Moderate Oxidising: Non-oxidising (by EC criteria) Solubility in water: Insoluble Also soluble in: Most organic solvents. Viscosity: Viscous Viscosity value: 85 poise Boiling point/range°C: 40 Flammability limits %: lower: 1.1 upper: 6.6 Flash point°C: -18 Autoflammability°C: 480 Relative density: 1.05 VOC g/l: 307 less water and exempt compounds, 246 Total VOC</p>	<p>Automotive, Industrial & Marine Applications such as:</p> <table border="1" data-bbox="805 789 1334 1024"> <tr> <td>- Truck Beds</td> <td>- Decks</td> </tr> <tr> <td>- Dump Trucks</td> <td>- Steps</td> </tr> <tr> <td>- Haulers</td> <td>- Railings</td> </tr> <tr> <td>- Cargo Containers</td> <td>- Anti Slip Applications</td> </tr> <tr> <td>- Bulkheads</td> <td>- Step bumpers</td> </tr> <tr> <td>- Loading Docks</td> <td></td> </tr> </table> <p>Materials Classification Colors:</p> <table border="1" data-bbox="805 1110 1334 1150"> <tr> <td>N/A</td> <td></td> </tr> </table> <p>OSHA and ANSI Safety Identification Colors</p> <table border="1" data-bbox="805 1236 1334 1276"> <tr> <td>N/A</td> <td></td> </tr> </table>	- Truck Beds	- Decks	- Dump Trucks	- Steps	- Haulers	- Railings	- Cargo Containers	- Anti Slip Applications	- Bulkheads	- Step bumpers	- Loading Docks		N/A		N/A	
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APPLICATION DETAILS

MIXING RATIO:

3:1 Truck Bed Liner Base: Hardener

SPECIFICATION:

Pot life at 68°F / 20°C : 60 minutes

TouchDryat 68°F / 20°C : <1 hour subject to film build.

Light duty: 2-3 days at 68°F / 20°C.

Regular duty: 5-7 days at 68°F / 20°C.

Coverage: 125 square foot per US Gallon (mixed).

Application Method – Use included Spray Gun

Compressed Air required

PRODUCT COMPARISON

Resistant	Low VOC	Acrylic	Epoxy
Abrasion	Excellent	Poor	Moderate
Acids	Excellent	Poor	Moderate
Adhesion	Excellent	Moderate	Excellent
Alkali	Excellent	Poor	Excellent
Flexibility	Excellent	Poor	Moderate
Heat	Moderate	Poor	Moderate
Solvents	Excellent	Poor	Excellent
UV Exposure	Excellent	Poor	Poor
Water Immersion	Excellent	Poor	Excellent

Floor Armor™ uses low VOC solvent based urethane technology as opposed to epoxy products that are widely available. In comparison:

- Epoxies are brittle and do not expand and contract with concrete
- Epoxies are not as impact and abrasion resistant
- Epoxies are not as UV resistant

SURFACE PREPARATION

Surface preparation and repair are the most important prerequisites for durability and protection for any coating system. All surfaces must be examined thoroughly to determine surface conditions. Examinations should include checking for peeling and faded paint, dirt, grease, cracking, surface pits, bare areas, mildew, rust, stains and compromised areas. Each surface requires its own preparation techniques. Always make sure surface is free of moisture, grease, dirt, dust and other contaminants.

PREPARATION:

POW-R-Liner can be applied to most original manufacturers finishes. The surface should be lightly scuffed, and free from dirt and rust.

For best results bare metal or rusty metal should be treated with a POR-15 Rust Preventive paint.

CLEANUP

Clean up mixing and application equipment immediately after use. Tools should be cleaned after work but before the paint hardens using a urethane thinner. Cleaning is not possible after hardening. Observe all fire and health precautions when handling or storing solvents. Use POR-15 Solvent or POR-Strip for cleanup or removal.

SAFETY

Material Safety Data Sheets must be read and understood by personnel responsible for supervision and installation of POR-15 products. All applicable federal, state, local, and particular plant safety guidelines must be followed during the handling and installation and cure of these materials. Safe and proper disposal of excess materials shall be done in accordance with applicable federal, state, and local codes.

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Compressed airline breathing apparatus (EN139).

Hand protection: Nitrile gloves.

Eye protection: Face-shield.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

MAINTENANCE

Occasional inspection of the installed material and spot repair can prolong system life. For specific information, contact the Technical Service Department.

MATERIAL STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden.

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

POR-15 Inc. 800-457-6715 www.por15.com

PO Box 1235 Morristown, NJ 07981

WARRANTY: All statements made on any product label, product manual, product data sheets, technical data charts or specification charts are accurate to the best of our knowledge. The products and information are intended for use by persons having skill and know how in the industry at their own discretion and risk. POR-15 Inc warrants only that its products represented herein meet the formulation standards of POR-15 Inc. POR-15 Inc. warrants that its products are free of defects and is not liable for incidental, special, consequential, or indirect damages of any kind, including, but not limited to, loss of anticipated profits, business opportunity, or other economic loss arising out of the use of services or products received from POR-15 Inc. even if POR-15 Inc. has been advised of the possibility of such damage. It is the customer's responsibility to ensure the accuracy, compliance with applicable statutes or regulations, and fitness of purpose of any product or construction information received from POR-15 Inc. prior to use thereof.