



Technical Data Sheet

RepairBoss Tar Armor 24408-VKG

PRODUCT DESCRIPTION

Designed for waterproofing a variety of structural surfaces, RepairBoss Tar Armor uses a blend of asphalt, refined coal tar pitch, aromatic solvents, and thermoplastic polymers to form a strong, flexible, monolithic, seamless membrane. It can also be used as a compatible adhesive with both coal tar pitch and asphalt roofing systems. RepairBoss Tar Armor is ideal for no to low slope roofs due to its ponding resistance and is also highly resistant to chemical and ultra violet attack. It is cold-applied and cures to a tough and long-lasting protective barrier.

USES

- Provides a seamless, elastomeric surfacing for new or aged roofing and waterproofing systems.
- As a waterproof resurfacing over asphalt BUR or gravel surfaced coal tar BUR.

SURFACE PREPARATION

All surfaces must be clean, free of heavy dirt, dust, debris, oils, loose gravel, un-adhered coatings, scaling rust, deteriorated membranes, and other contaminants that may result in a surface that is not sound. Surface must be free of frost, snow and ice. Fasteners must be repaired and/or replaced as needed.

PRECAUTIONS

- DO NOT use with/on 100% rubber or plastic substrates.
- DO NOT apply if rain is expected within 12 hours of application.
- DO NOT use where this product may come in contact with potable water.
- Cover fresh air intakes during application and curing to reduce the potential for odors entering the building.
- DO NOT THIN.
- EXTERIOR USE ONLY.
- Not for residential use.

APPLICATION

- Store product at 70-80°F (21.1-26.7°C) for 24 hours prior to application in cold weather, or use an OSHA approved pail/drum heater.
- If using as a coating/adhesive over metal or modified bitumen roofing systems, apply at a rate of 2-4 gallons (7.6-15.1 liters) per square.
- Apply at a rate of 6-8 gallons (22.7-30.3 liters) per square to the prepared gravel surfaced roof.

Surfacing Options:

- **Gravel** - Ensure material is still wet when embedding gravel surfacing

- **Granules** - Apply the first coat (3-4 gallons/11.4-15.1 liters). Allow enough cure time for foot traffic. Apply second coat (2-3 gallons/7.6-11.4 liters). Let it begin to skin (20-30 minutes), then disperse granules into RepairBoss Tar Armor at a rate of 50-70 lbs/sq. Collect all loose granules for re-use once the system has sufficiently cured.
- **Reflective Coatings** - A polyester reinforcing scrim/fabric should be installed with RepairBoss Tar Armor when using a reflective coating. Allow system to cure for the equivalent of 30 summer days. Then properly clean surface, and prime with RepairBoss Tar Primer.

PACKAGING

5-gallon pails (42 lbs.) and 55-gallon drums (470 lbs.)

SPECIFICATION COMPLIANCES

ASTM D3019, Non-Asbestos.

Technical Data	RepairBoss Tar Armor 24408-VKG
Weight (lbs./gal.) ASTM D6511	7.6-7.8
Total Solids % by wt D6511 % by vol	62-64 56-58
pH	N/A
Viscosity, cps Brookfield	9,000-12,000
Tensile Strength psi	190
Elongation, %	2000
Flash Point PMCC	105°F (40.6°C)
Color Uncured & cured	Black
Dry time, touch 70°F (21.1°C)/50% R.H.	4 hours
Shelf Life 70°F (21.1°C)/50% R.H.	12 months
VOC	<350 g/L

