

TECHNICAL DATA SHEET



RADBLOCK™

Advanced Radionuclide Decontamination and Lock-down Coating System

PRODUCT DATA

DESCRIPTION: Single component, water-borne rubber, contaminant lock-down coating system.

PERFORMANCE CHARACTERISTICS: RADBlock can be applied before or after a contamination event to prevent surface contamination and/or to prevent the spread of airborne, smearable and transportable contaminants.

RADBLOCK is designed to extract ionic forms of contamination that may have penetrated into porous media and is useful for post-contamination cleanup.

RADBLOCK is designed to attract and bind particulate and ionic contamination through adhesive bonding, and through chemical bonding with ionic radionuclides. It is specifically useful in remediation and capture of radionuclides which are difficult to extract from porous media, such as concrete.

Upon cure, RADBLOCK mechanically and chemically traps contaminants and can be peeled to remove contamination in a solid waste-form. This coating mitigates of ionic forms of radionuclides, such as cesium and iodine, which are known to be easily transported into building subsurfaces.

RADBLOCK is recommended for use in dirty bomb mitigation and remediation and for decontamination service throughout the nuclear complex.

SPECIFICATION INFORMATION

RECOMMENDED DRY FILM THICKNESS: 20-40 mils

THEORETICAL SOLIDS CONTENT: 45%

THEORETICAL COVERAGE PER GALLON: 33 sq. ft.

STORAGE CONDITIONS: Store indoors (do not freeze)

SHELF LIFE: 10 months at 75F

COLORS: one color per product line

OTHER CONSIDERATIONS: contains household ammonia, may require use of ammonia respirator in enclosed areas.

HOW IT WORKS

