

THERMAL & ACOUSTICAL SPRAY-ON INSULATION PROTECTANT



Protek-13

THERMAL & ACOUSTICAL SPRAY-APPLIED **DURABLE FINISHES**



PROTECTION FROM PHYSICAL DAMAGE

High traffic areas are often vulnerable to physical and mechanical damage. The tough, resilient surface of Protek-13 resists abrasion and helps protect the underlying fibers. This added durability can greatly extend the lifespan of the covered building materials.

PROTECTION FROM AIRBORNE CONTAMINANTS

Dust, dirt, grease and fumes are present in almost every industrial environment. The firmer, more uniform surface of Protek-13, significantly reduces the accumulation of these airborne contaminants. In addition, Protek-13 can easily be swept with a broom, blown clean with compressed air, or lightly washed with water (no scrubbing).



HIGH LIGHT REFLECTIVITY

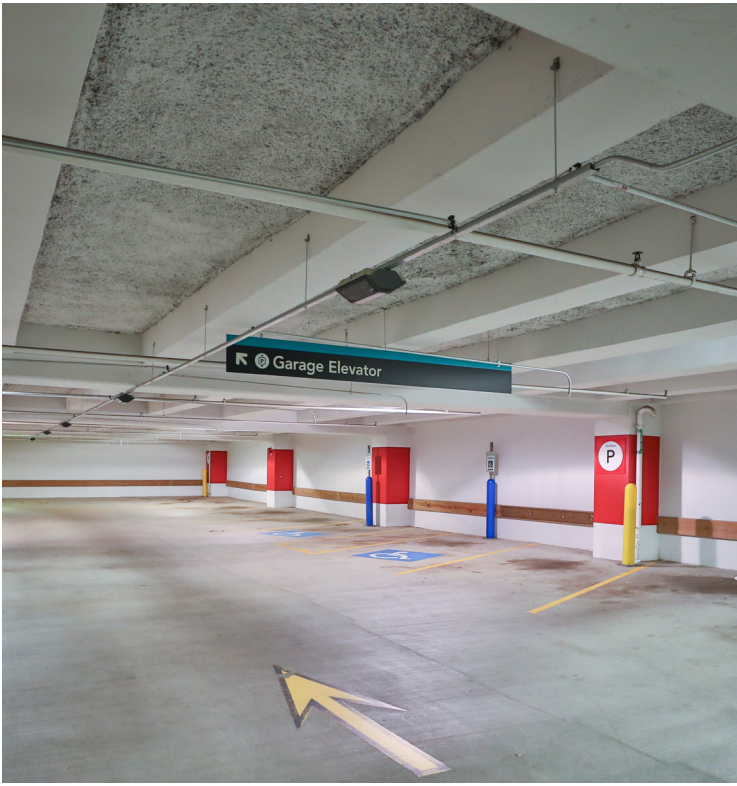
The application of Protek-13 can brighten your whole facility. This high light reflectivity greatly improves the safety of the working environment without requiring an increase in lighting power.

Whether your facility has been around for years or is currently under construction, protecting your fibrous insulation and fireproofing with Protek-13 is quick and economical. Protek-13 is a spray-applied, water-based vinyl acrylic emulsion containing interlacing/bridging fibers forming a protective white coating over fibrous surfaces.



COLORFUL OPTIONS

Fibrous or porous substrate materials will absorb a great deal of regular paint without showing a significant color change. Protek-13 due to its bridging and interlacing fibers provides an easily obtainable uniform color requiring less material. If a custom color is desired at the time of installation, Protek-13 can be custom blended to match your design color scheme.



Protek-13 is a protective coating for new or previously installed applications of fibrous insulations and coatings like K-13 or fireproofing. Composed of a water-based vinyl-acrylic emulsion containing interlacing fibers, Protek-13 is spray-applied to fibrous insulation resulting in a uniform surface finish that effectively guards against physical damage and airborne contaminants.

TYPICAL PROJECTS

Protek-13 is ideal for interior and covered exterior applications where high-traffic and industrial conditions require additional protection from abrasion and airborne contaminants such as dust, dirt, or fumes. Though appropriate for humid environments such as parking garages, Protek-13 should not be specified in areas where the coating is regularly exposed to excessive moisture such as rain or pressure washing.

TECHNICAL DATA

ASTM C 423	Sound Absorption See NRC Chart on back.
ASTM E 84	Flame Spread 5 Smoke Development 25
ASTM E 736	Cohesion/Adhesion Bond Strength > 300 psf

SUSTAINABILITY

Protek-13 is composed with 4% Post-Consumer Content. Protek-13 applied in white provides high light-reflectivity and may contribute to efficient lighting plans. Additionally, Protek-13 is low-emitting with a VOC Content of <1.0 gm/l. Protek-13 does not contain silica dust, asbestos, mineral or glass fibers, or PCB's.

RECYCLED CONTENT

1 POINT	MR CREDIT 4.1: RECYCLED CONTENT: 10%
1 POINT	MR CREDIT 4.1: RECYCLED CONTENT: 20%

LOW-EMITTING MATERIALS:

1 POINT	EQ CREDIT 4.1: LOW-EMITTING MATERIALS: ADHESIVES & SEALANTS
1 POINT	EQ CREDIT 4.2: LOW-EMITTING MATERIALS: PAINTS & COATINGS
1 POINT	EQ CREDIT 4.4: LOW-EMITTING MATERIALS: COMPOSITE WOOD & AGRIFIBER PRODUCTS



ACOUSTICAL PERFORMANCE

Protek-13 provides a protective coating for your fibrous surfaces without significantly affecting the acoustical performance of the material underneath. The following chart shows the acoustical performance of various applications.

K-13 ON SOLID BACKING WITH STANDARD PROTEK-13 APPLICATION

Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1.5"	0.30	0.60	1.09	1.02	0.95	0.95	0.95
2.25"	0.40	0.73	1.04	1.02	1.02	0.97	0.80

K-13 ON SOLID BACKING WITH HEAVY PROTEK-13 APPLICATION

Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1.75"	0.32	0.53	0.69	0.56	0.36	0.29	0.55

K-13 ON 1.5" METAL DECK WITH STANDARD PROTEK-13 APPLICATION

Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1.75"	1.02	0.96	0.96	0.71	0.47	0.35	0.80

K-13 ON 1.5" METAL DECK WITH HEAVY PROTEK-13 APPLICATION

Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
3"	0.95	0.87	0.90	0.64	0.47	0.35	0.70

READILY AVAILABLE

ICC's spray applied thermal and acoustical materials are readily available for shipment to our network of licensed installers. Please contact us for details on how we can help your project be the best it can be!

