Protek-13®

- ABRASION RESISTANT
- EASILY PAINTABLE
- HIGH LIGHT REFLECTION
- COVERS NEW OR EXISTING MATERIALS
- CLASS A FLAME SPREAD RATING
- SUPERIOR "HIDING" CHARACTERISTICS

Protek-13® provides a brighter, safer work environment while protecting the fibrous insulation underneath from physical abuse.

In example pictured, contaminated product is swept clean.

Protek-13® prevents airborne contaminants from collecting in the covered material and can be brushed, blown or rinsed clean.

Fast, economical installation over old and new fibrous materials.

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.

Call 800/444-1252 today and be protected.

Protection from physical damage.

High traffic areas are often vulnerable to physical damage from personnel, machinery, birds and other sources. The tough resilient surface of Protek-13® resists abrasion and prevents the "picking away" of the fibers. This protection can greatly extend the useful life 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).

Acoustical performance.

Protek-13® provides a protective coating for your fibrous surfaces without significantly affecting the acoustical performance of the material underneath.

The following test was conducted by spraying two separate thicknesses of Protek-13® over 1.75" of K-13® Spray-On thermal/acoustical insulation. System 1 was applied in a standard coating, covering 96-98% of the K-13 underneath. System 2 was a heavy build, covering 99-100% of the underlying K-13®. The following chart shows the acoustical performance of both systems.

Frequency	125	250	500	1000	2000	4000	NRC
1.75" K-13®	0.19	0.60	1.05	1.11	1.03	0.98	.95
Standard	0.30	0.60	1.09	1.09	1.02	0.95	.95
Heavy Build	0.32	0.53	0.69	0.56	0.36	0.29	.55

Solid fire performance ratings.

Protek-13® has a Class 1, Class A flame spread rating of 5 according to ASTM E-84.

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.

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 (at the surface) 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.

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Specification Guide

PART 1 - GENERAL

1.01 Work Included:

A. The work to be performed under this section shall include all materials, equipment, labor and services required to install the ProTek-13® protective coating in accordance with these specifications and as indicated on the drawings if applicable.

B. A representative surface of not less than 100 square feet shall be sprayed and approved by the Architect and/or Owner prior to proceeding.

PART 2 - PRODUCTS

2.01 Acceptable Manufacturers:

International Cellulose Corporation
12315 Robin Boulevard
Houston, Texas 77045
(713) 433-6701 or (800) 444-1252
FAX: (713) 433-2029

2.02 Materials:

ProTek-13® - Abrasion Resistant Sprayed Protective Coating

1. The protective coating shall have a flame spread rating not to exceed 5 when tested in accordance with ASTM E-84.
2. NRC rating shall be .55 or greater per ASTM C-423 when applied over 1.75" of K-13® Spray-On Insulation.
3. Protek shall be installed (check one) as: (unless otherwise indicated installation shall be Standard)

   Standard _____

   Heavy Build _____

PART 3 - EXECUTION

3.01 Inspection-Preparation-Installation:

A. The installing contractor shall examine all surfaces and report all unsatisfactory conditions in writing to the General Contractor and Architect. The work shall not proceed until unsatisfactory conditions are corrected.

B. Provide masking, drop cloths or other satisfactory coverings for all materials/surfaces which are not to receive protective coating so as to prevent damage from overspray.

C. Installation Of ProTek-13® Protective Coating

1. The surface to receive ProTek-13® protective coating shall be firmly adhered to the substrate and free of loose material, oil, scale or other such material that would impair bonding of ProTek-13®. When applying ProTek-13® to sprayed insulation or fireproofing materials, these products must be properly installed and fully cured prior to installing ProTek-13®.
2. Install coating as per manufacturer's instructions.
3. a. Standard application over fiber material is 20 feet per gallon.

   b. Heavy Build application over fiber material is 15 feet per gallon.
4. The work shall be coordinated with other trades whose work may be affected or have an effect on the installation of the sprayed ProTek-13® protective coating.

D. Installation, clean-up and curing shall be accomplished according to the manufacturer's recommendations and common construction standards.