



NYC Department of Buildings  
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Patricia Lancaster, FAIA, Commissioner  
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## Report of Materials and Equipment Acceptance Division

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

### MEA 313-06-M

**Manufacturer:** Applied Liquid Technologies LLC, 88 East Main Street, Suite 424, Mendham, NJ 07945

**Trade Name(s):** Protec

**Product:** Roofing, waterproofing, and surfacing

**Pertinent Code Section(s):** 27-337

**Prescribed Test(s):** RS 5-10 (ASTM E-108)

**Laboratory:** Underwriters Laboratories Inc.

**Test Report(s):** UL File R25137, Project 06CA08268 dated July 20, 2006

**Description:** Protec is a cold liquid applied resin combined at application with a 450 gram reinforcement forming a monolithic roofing, waterproofing and flashing membrane. Protec may be applied as a total waterproofing membrane system or in isolation as a flashing, patching or repair material on roofs, parking decks and balconies as described below:

1. Deck: C-15/32  
Insulation (optional): Atlas Roofing Corp. "ACFoam III," any thickness, mechanically fastened or adhered with any UL classified insulation adhesive.  
Barrier Board: Minimum ¼ inch thick, GP Gypsum Corp. "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard" or fastened with all butt joints staggered a minimum of 6 inches from plywood deck joints (staggered butt joints not required for application over noncombustible roof decks).  
Primer: "Polyroof Uni-Primer" (not UL classified) applied at ½ gal./100 ft.<sup>2</sup> (0.2 L/m<sup>2</sup>).

Base Coat: "ProTec Resin" (not UL classified) applied at ½ gal/100 ft.<sup>2</sup> (1.2 L/m<sup>2</sup>).

Reinforcement: 1 ply 450g/m<sup>2</sup> glass mat roving embedded into wet base coat.

Top Coat: "ProTec Resin" applied at 1.2 gal./100 ft.<sup>2</sup> (0.5 L/m<sup>2</sup>).

Surfacing (optional): Silica sand broadcast applied into wet top-coat at 18.5 lb/100 ft.<sup>2</sup> (0.9 kg/m<sup>2</sup>).

2. Deck: NC

Insulation (optional): Atlas Roofing Corp. "ACFoam III," any thickness, mechanically fastened or adhered with any UL classified adhesive.

Primer: "Polyproof Uni-Primer" (not UL classified) applied at ½ gal/100 ft.<sup>2</sup> (0.2 L/m<sup>2</sup>).

Base Coat: "ProTec Resin" applied at 2.9 gal/100 ft.<sup>2</sup> (1.2 L/m<sup>2</sup>).

Reinforcement: 1 ply 450 g/m<sup>2</sup> glass mat roving embedded into wet base coat.

Top Coat: "ProTec Resin" applied at 1.2 gal/100 ft.<sup>2</sup> (0.5 L/m<sup>2</sup>).

Surfacing (optional): Silica sand broadcast applied into wet top-coat at 18.5 lb/100 ft.<sup>2</sup> (0.9 kg/m<sup>2</sup>).

**Terms and Conditions:** The above roof covering assemblies, utilizing the "Protec" coating system, when installed in accordance with roof inclines specified, are accepted for Class A fire resistance classification. All shipments and deliveries of such material or equipment shall be provided with a metal tag, suitably placed, certifying that the material or equipment shipped or delivered is equivalent to those tested and accepted for use, as provided in Section 27-131 of the Building Code.

Final Acceptance August 17, 2006

Examined by Simon Derkheidam