



LISTING REPORT FOR APP MODIFIED BITUMEN TORCHED ROOFING MEMBRANES

LISTING SUBJECT:

PRIMA PLAST PV 4.0 KG, PRIMA PLAST 4.5 KG, PRIMA PLAST PV 4.5 KG AND PRIMA PLAST PV 5.0 KG ROOF MEMBRANES

LISTEE:

LLC “TECHNOFLEX”

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CSI Division: 07 00 00 THERMAL AND MOISTURE

CSI Section: 07 52 00 Modified Bituminous Sheet Roofings

1.0 SCOPE OF LISTING

1.1 Compliance with the following Standards:

- ASTM D6222-11 – Standard Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using Polyester Reinforcements
- ASTM E108-11 – Standard Test Methods for Fire Tests of Roof Coverings

1.2 Properties assessed:

- Fire Classification
- Weather Resistance

2.0 FINDINGS

2.1 Product Information: Prima Plast PV 4.0 kg, Prima Plast 4.5 kg, Prima Plast 4.5 KG and Prima Plast 5.0 KG are Type I modified bitumen membranes complying with ASTM D6222 used as roof coverings, utilizing atactic polypropylene (APP) as the modifier and reinforced with non-woven polyester used in mechanically attached or torch-applied applications. Prima Plast PV 4.0 kg and 4.5 kg are Grade S (smooth-surfaced) that are finished on the base sheet with sand and plastic release film with a material thickness of 144 mils for PV 4.0 kg, 152 mils for PV 4.5 kg and bottom side coating thickness of 40 mils. Prima Plast PV 4.5 KG and 5.0 KG are Grade G (granule-surfaced) that are finished on the top sheet with mineral surface granules with a material thickness of 163 mils and bottom side coating thickness of 48 mils. The net mass per unit area per 100 square feet (9.3 m²) of coverage is 82 pounds (37.2 kg) for PV 4.0 kg, 92 pounds (41.7 kg) for PV 4.5 kg Grade S and 105 pounds (47.6 kg) for Grade G products. Roll size is 32.8 feet by 3.28 feet (10 m by 1 m).

The Prima Plast PV 4.5 KG and 5.0 KG granular surfaced materials may be used as either an underlayment or a top coat and the Prima Plast PV 4.0 kg and 4.5 kg smooth surfaced materials may only be used as an underlayment under the granular surfaced topcoat materials, or under Class A rated shingle complying with ASTM D3462 similar to CertainTeed CT20 3-Tab Asphalt Shingle recognized in ICC-ES ESR-1389.

2.2 Fire Classification for Roof Coverings: Prima Plast PV 4.0 kg, Prima Plast 4.5 kg, Prima Plast PV 4.5 KG and Prima Plast PV 5.0 KG roofing membranes have a Class A fire-retardant classification when tested and evaluated over solid wood decks in accordance with ASTM E108-11, Standard Test Methods for Fire Tests of Roof Coverings in the installation configuration shown:

Deck: Minimum 15/32-inch (12 mm) thick Type A-C grade plywood sheathing.

Membranes: LLC “Technoflex” Prima Plast 4.0 kg, Prima Plast 4.5 kg, Prima Plast PV 4.5 KG and Prima Plast PV 5.0 KG Roof Membranes are mechanically attached or self-adhered and the distance between end laps between rolls should be at least 19.7 inches (500 mm).

Shingles: Shingles shall be Class A rated roof covering complying with ASTM D3462 similar to CertainTeed CT20 3-Tab Asphalt Shingles recognized in ICC-ES ESR-1389.

Fasteners: 1½-inch long (31.8 mm) galvanized roofing nails and with four nails installed per shingle.

3.0 DESIGN AND INSTALLATION

The manufacturer’s published installation instructions and this listing shall be strictly adhered to. A copy of the instructions and this report shall be available at all times on the jobsite during installation. Where conflicts between this listing and the installation instructions occur, the more restrictive shall govern.

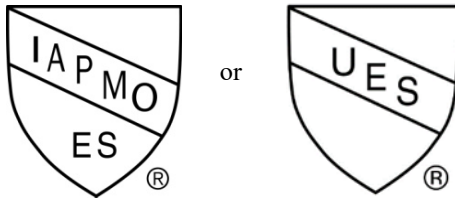
The product described in this Uniform Evaluation Service (UES) Report has been evaluated as an alternative material, design or method of construction in order to satisfy and comply with the intent of the provision of the code, as noted in this report, and for at least equivalence to that prescribed in the code in quality, strength, effectiveness, fire resistance, durability and safety, as applicable, in accordance with IBC Section 104.11. This document shall only be reproduced in its entirety.





4.0 IDENTIFICATION

Prima Plast PV 4.0 kg, Prima Plast 4.5 kg, Prima Plast PV 4.5 KG and Prima Plast PV 5.0 KG roof covering membranes are identified by a label affixed on product packaging. The label shall include the company name (LLC “Technoflex”), name of model (Prima Plast PV), name of the inspection agency (Quality Control Consultants), and one of the following IAPMO Uniform ES Marks of Conformity; and the Evaluation Listing Number (UEL-5007) to identify the product recognized in this listing.



IAPMO UES UEL-5007

For additional information about this evaluation report please visit www.uniform-es.org or email at info@uniform-es.org