

## **Description:**

**KwikPly Plus** is a self-adhering, high performance, thermoplastic roofing membrane compounded with a proprietary combination of coal tar pitch, and Dupont™ Elvaloy® KEE resins, reinforced with dispersed polyester fibers. An SBS adhesive and release paper are applied to membrane in a separate process. It is reinforced with an integrated mesh fabric for added support.



## **Product Highlights:**

- Kwikply Plus can be used in new, reroof and retrofit constructions.
- Kwikply Plus can be used in remodeling and repairs.
- Kwikply Plus can be used under treated wood decking
- Kwikply Plus can be used as a vapor barrier.
- Eliminate torches, kettles and messy mops
- SRI Rating of 90.66
- Kwikply Plus is a smooth surface membrane
- Kwikply Plus is a membrane that adheres to itself at the side and end laps
- Kwikply Plus is a membrane that is resistant to UV
- Kwikply Plus's Elvaloy® sheet is manufactured without liquid plasticizers permitting the use of stronger more resilient raw materials and a unique bonding adhesive system. The membrane's properties remain intact longer since plasticizer migration does not occur as is the case with many other Thermoplastic membranes which use liquid plasticizers.
- ***For specifics consult the Hyload Technical Department.***

## **Applications:**

- Roof Covering
- Roofing base sheet
- Vapor barrier
- Vertical Applications

## **Packaging:**

- Black Colored Membrane
- 3' x 34' / 30 Rolls per pallet
- 18" x 34' 2 rolls per box / 20 per pallet
- 12" x 34' 3 rolls per box / 20 per pallet
- 13,20, and 42 lbs. per roll (standard lengths)
- Available in 50 mil

## **Substrates:**

- The substrate should be smooth, level, clean, and dry.
- Dead load capabilities of the deck and supporting structure must be sufficient to support the load of the new system.
- Kwikply Plus can be installed directly over existing substrates, approved insulation cover board, or base sheets after all have been properly primed.

**Technical Data:**

Hyload provides technical data as well as installation instructions, details, and specification information to authorized roofing contractors, engineers, architects, and specifiers. This information can also be provided to designers in various formats used by engineering professionals. Contractor field training, as well as in-house instruction, is used to develop certified applicators nationwide. In conjunction with The Technical Department, field inspections are performed by Hyload Representatives trained to perform pre-bid, job progress, and final inspections.

**Performance Properties:**

<b>Elongation</b>	<b>ASTM D412</b>	<b>170%</b>
<b>Tensile Strength</b>	<b>ASTM D412</b>	<b>1500 lbs/in<sup>2</sup></b>
<b>Tear Strength</b>	<b>ASTM D624</b>	<b>300 ppi</b>
<b>Density @ 70%</b>		<b>80 lbs/ft<sup>2</sup></b>
<b>Low Temperature Flexibility</b>	<b>37-GP-56M</b>	<b>Pass</b>
<b>Water Absorption</b>	<b>37-GP-56M</b>	<b>Less than 0.1%</b>

**Limitations:**

- A positive slope of 1/2" in 12" must be in place prior to application.
- Kwikply Plus cannot be used with coal tar mastic but can be applied over coal tar roofs with appropriate separation. Phased construction is not approved.
- Kwikply Plus should only be applied when temperatures are 45°F and rising.
- Kwikply Plus should not be applied directly over insulation. The use of HyGlass recover board is recommended. HyGlass must be primed with a quick-drying water-based primer such as HyBond, or HyPrime primer. Fastening must be completed following Hyload specifications or the insulation manufacturer's specification if more restrictive. When Factory Mutual standards are required, refer to the FM Approval Guide and latest supplement.



**Warranty:**

Hyload makes available to its customers several high performance product warranties. Contact Hyload's Corporate Office directly for details. A standard warranty is 10 years.