

# ALL WEATHER APP 190

## Product Data Sheet

### Product Description

All Weather APP 190 is a modified bitumen membrane designed for use in modified bitumen roof systems or with conventional roofing plies in a hybrid configuration. All Weather APP 190 consists of a tough non-woven polyester mat impregnated and coated with Atactic polypropylene (APP) modified bitumen.



### Product Uses

All Weather APP 190 Smooth is the base or interply of multi-ply modified bitumen systems. All Weather APP 190 Granule is the cap ply in hybrid BUR/modified bitumen assemblies. It is applied with 3-inch side laps and 6-inch end laps. All Weather APP 190 is applied using heat welding (torch) techniques.

### Product Classification

Meets or exceeds the minimum performance values of ASTM D6222, Type I, Grade S (APP 190 Smooth) and G (APP 190 Granule).

### Application Method:

Observe all cautions and warnings when using this product. The deck surface must be clean, dry, smooth and free of any foreign materials, grease or oil. Temperatures should be between 45°F and 100°F, however; best results are achieved at temperatures of 75°F. All Weather APP 190 is applied using heat welding (torch) techniques.

### Product Information:

Property: (avg)	APP 190 Smooth	APP 190 Granule
Thickness	(3.4 mm 135 mils)	3.8 mm (150 mils)
Weight	84 lbs/roll (38 kg/m <sup>2</sup> )	98 lbs/roll (44.45 kg/m <sup>2</sup> )
Dimensions	3.28' x 33' (1m x 10m)	3.28' x 33' (1m x 10m)
Coverage	Approximately 1 square	Approximately 1 square
Top Surfacing	Talc	Mineral Granules
Bottom Surfacing	PE Film	PE Film
Selvage	3.25" +/- 0.25"	3.25" +/- 0.25"

**Packaging:** Rolls are placed upright on ends opposite the selvage on pallets. The palletted materials are shrink-wrapped.

Number of Rolls per Pallet: 20

Number of Pallets per Truckload: 21 - 22

**Storage and Handling:** All Weather Roofing Products should always be stored on end on a clean flat surface. Rolls should never be stored flat or in a leaning position as this can deform the roll. Deformation from improper storage and/or handling will increase installation time and will make proper installation difficult. All roofing should be stored in a dry place, out of direct exposure to the elements, and should not be double stacked. Ensure that material remains dry prior to and during installation. Store material at 50°F (10°C) for at least 24 hours prior to application if the ambient temperature is 50°F (10°C) or below. If membrane is stored below 40°F (4.4°C), it must be stored at room temperature (72°F) for a minimum of 24 hours before using.

**California Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer, birth defects and/or reproductive harm.

All values given are approximate and are subject to change without notice. There is no implied or express warranty given through these values or statements, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by "in-house" and independent "third party" evaluation for the purpose of classification and or approval. Acceptance, purchase and selection of these products are the sole responsibility of the buyer or buyer's representative. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY U.S. PLY, INC. EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



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