

# HOW TO SPECIFY **PR·MATS** VCP WINDSCREEN

## **Special Requirements**

1. Windscreen panels shall be Promats, Model VCP6DG, VCP6C or an approved equal evidencing a minimum of four years of satisfactory field performance experience.
2. Supplier: VCP panels shall be as supplied by the Promats Company or its authorized representative.
3. The successful bidder shall provide a three year warranty covering peeling, cracking and coating as well as the U.C.C. implied warranties of merchantability and suitability for the purpose intended.

## **Materials**

1. Fabric: The fabric furnished shall be woven from 3.0 ounce per square yard polyester material and coated after weaving with a 6.0 ounce per square yard coating of dark poly vinyl chloride coating, for a total weight of 9.0 ounces per square yard.
2. Tensile strength when tested per the grab method shall be 230 x 200 pounds and when tested by the strip method, shall be 200 x 140 pounds.
3. Coating: The weather protective coating systems shall be formulated to comply with the following minimum test performance standards:

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>
Water Absorption	ASTM-D-471 7 days @ 160 F	5.0% maximum weight gain
Plasticizer Extraction by Water	ASTM-D-1239 Modified 7 days @ 160 F	6.0% maximum weight loss
Wicking	Manufacturer's Procedure: 24 hours Room Temperature.	1/8" Maximum
Weathering	Carbon-Arc ASTM-D-750 2500 hours minimum or crazing.	No appreciable change in color, no cracking

## **Fabrication**

1. Hems and Seams: All hems shall be four-ply reinforced with heavy duty 18 oz. vinyl coated nylon. Windscreens 9' high shall have a center seam with internal reinforcement as above. All hems and seams are to be sewn with #7 weather and ultraviolet light resistant dacron thread.
2. Grommets: Grommets shall be of brass material spaced at a maximum of 12" apart on all hems. A 9' high windscreen center seam shall have grommets as above.
3. Air Vents: Die cut air vents shall be placed a maximum of 10' apart.

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