

IPCO PVC UTILITY SHEET

1. Product Name

IPCO PVC Utility Sheet

2. Manufacturer

Illinois Products Corporation (IPCO)
423 Joseph Drive
South Elgin, IL 60177-2268
800-383-8183; 847-289-2800
847-289-2804 (fax)
www.illinoisproducts.com

3. Product Description

The IPCO PVC Utility Sheet is a 20 mil thick, non-reinforced polyvinyl chloride, waterproofed, impermeable sheet, composed of elastomeric substances which have been reduced to a thermoplastic state and formed into a continuous sheet.

Recommended adhesive for the IPCO PVC Sheet is Type R Cement. Asphalt based adhesives high in solvent content should not be used. Check with your adhesive supplier for compatibility. Recommended for concealed applications only and should not have UV exposure for more than 30 days.

Roll sizes:

<u>Width</u>	<u>Length</u>	<u>Square footage</u>
12"	150'	150 sq ft.
16"	150'	200 sq ft.
20"	150'	250 sq ft.
24"	150'	300 sq ft.

4. Technical Data

Physical Characteristics:

Color: Black

Specific gravity: 1.28-1.33 ASTM D-792

Tensile strength: 2200-2800psi ASTM D-882 & 412

Elongation (%): 250 ASTM D-882 & 412

Graves Die Tear: 450 lbs./inch ASTM D-1004

Elemendorf Tear: 150 (gram/mil) ASTM D-689

Masland SPI Cold Crack: -10° + -5° F ASTM D-1543

Cold Flex: No cracks at 20°F. 1/32" Mandrel

Weatherometer (5000 hrs): No change at ASTM D-822

Hardness Shore A: 80 ASTM D-676

Brittleness Temp: -57°C ASTM D-746

Volatile Loss (24hours 70°C): 1.05% ASTM D-1203

Water Vapor Transmission (grams/100 sq. inch): 0.24 240 hrs. 212°F

Staining: none 240 hrs. 121°F

Manufactured from reprocessed PVC and, therefore, all test data on physical characteristics must be considered batch specific. All ASTM test results should be treated as averages rather than minimums.

5. Installation

All surfaces to receive membrane should be smooth, hard, frost-free, dry and clear of any dirt or debris. Membrane shall be applied as work progresses and in no case shall the membrane be left exposed longer than necessary. Metal surfaces to receive membrane must be free from scale, rust, grease or oil. Use a fast evaporating solvent to clean metal surfaces.

6. Availability and Cost

All Illinois Products Corporation products and prices are available through a nationwide network of masonry and building supply distributors.

7. Warranty

The recommendations and properties attributed to the products are based upon what is believed to be reliable information. Illinois Products Corporation warrants materials to be of good quality and will replace unused material proven to be defective. No expressed or implied warranty of installed material is made because satisfactory results depend not only on product quality but also upon factors that are beyond IPCO's control.

8. Maintenance

No maintenance is required after proper installation.

9. Technical Services

Contact the manufacturer for any required technical services. Details and suggested application drawings are available on each individual product data sheet. IPCO Material Safety Data Sheets should be read and understood by all personnel before using the products.

10. Filing Systems

Product information is available from the manufacturer in the following formats:

- Complete IPCO product line catalog in printed and CD formats
- Online access to all data sheets at: www.illinoisproducts.com



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