

# TW-DRAIN 220

## PREFABRICATED DRAINAGE COMPOSITE

## PRODUCT DATA

### DESCRIPTION

Information included in this product data sheet was current at time of printing.

To obtain a copy of the most current version of this product data sheet, visit us online at [tamko.com](http://tamko.com) or call us at 800-641-4691.

**TW-DRAIN 220** is a prefabricated drainage composite that consists of a light duty impermeable polymeric sheet that is bonded to a layer of non-woven filter fabric, with the addition of a protection sheet that is bonded to the back side of the cusped core which provides protection for soft membrane waterproofing systems.

- Compatible with waterproofing systems without the use of a protection board.
- 5-year Limited Warranty and Arbitration Agreement.

**USES:** Used for balcony/breezeway applications to allow water to pass in the drainage core providing hydrostatic relief.

**WATERPROOFING PRODUCTS BEGIN TO AGE AS SOON AS THEY ARE EXPOSED TO NATURE. BUILDINGS EXPERIENCE AGING FACTORS DIFFERENTLY, SO IT IS DIFFICULT TO PREDICT HOW LONG WATERPROOFING PRODUCTS WILL LAST. THAT'S WHY TAMKO PROVIDES A LIMITED WARRANTY, THAT INCLUDES A BINDING ARBITRATION CLAUSE AND OTHER TERMS AND CONDITIONS WHICH ARE INCORPORATED HEREIN BY REFERENCE. YOU MAY OBTAIN A COPY OF THE LIMITED WARRANTY AT TAMKO.COM OR BY CALLING 1-800-641-4691.**

### PRODUCT DATA

|                  |             |
|------------------|-------------|
| Roll Size        | 4' x 50'    |
| Roll Width       | 4'          |
| Roll Weight      | 38 lbs      |
| Rolls per Pallet | 7           |
| Roll Coverage    | 200 sq. ft. |

### TYPICAL PHYSICAL PROPERTIES

| Property                     | Test Method | Typical Value             |
|------------------------------|-------------|---------------------------|
| Compressive Strength         | ASTM D1621  | 11,000 psf                |
| Thickness                    | ASTM D1777  | .40 in.                   |
| Flow (Hydraulic gradient =1) | ASTM D4716  | 18 g/min/ft               |
| Flow                         | ASTM D4491  | 140 g/min/ft <sup>2</sup> |
| CBR Puncture                 | ASTM D6241  | 250 lbs                   |
| AOS (EOS)                    |             | 70 U.S.Sieve              |
| Grab Tensile                 | ASTM D4632  | .45 kN                    |



P.O. Box 1404  
Joplin, MO 64802-1404  
800-641-4691  
[tamko.com](http://tamko.com)



**IMPORTANT SAFETY INFORMATION:** Do not install until all appropriate safety precautions have been read and understood. [The TAMKO Safety Data Sheet \(SDS\) is available at tamko.com/sds.](http://tamko.com/sds) Always use appropriate fall protection equipment and wear appropriate personal protective equipment (PPE) when working with this product. Moisture, frost, debris or other material will decrease the traction and can cause slippery conditions when walking on the product. **Applicator safety is of utmost importance.**