TW-DRAIN 220

PREFABRICATED DRAINAGE COMPOSITE

TAMKO®
BUILDING PRODUCTS

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.

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. Always use appropriate fall protection equipment and wear appropriate personal protective equipment (PPE) when working with this product. Moisture, frost or debris will decrease the traction and can cause slippery conditions when walking on the product. **Applicator safety is of utmost importance.**

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR TW-DRAIN 220. TAMKO BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS. FAILURE TO FOLLOW THESE INSTRUCTIONS WILL ADVERSELY AFFECT COVERAGE UNDER THE LIMITED WARRANTY AND ARBITRATION AGREEMENT. SEE THE LIMITED WARRANTY FOR DETAILS.

INFORMATION INCLUDED IN THESE APPLICATION INSTRUCTIONS WAS CURRENT AT THE TIME OF PRINTING. TO OBTAIN A COPY OF THE MOST CURRENT VERSION OF THESE APPLICATION INSTRUCTIONS, VISIT US ONLINE AT WWW.TAMKO.COM OR CALL US AT 1-800-641-4691.

1

TAMKO®
BUILDING PRODUCTS

SURFACE PREPARATION

All horizontal surfaces must be dry, clean and free from surface irregularities and cleared of all debris before installation of TW-Drain 220. When an adhesive is used to secure TW-Drain 220, a clean substrate will help ensure adhesion. TW-Drain 220 may be secured directly to the waterproofing membrane or may be loose laid over a horizontal surface.

HOW TO JOIN ADJACENT PRODUCT

In all cases, when joining two adjacent TW-Drain 220 panels the resulting seam must be held together using a minimum 2" width construction adhesive tape.

INSTALLATION

1. Clean horizontal surface of all loose debris before application of TW-Drain 220.

2. Starting along edge of the area to be covered, unroll panel while wrapping excess fabric around edge adjacent to starting edge. **Filter fabric must face skyward.**

3. Attach TW-Drain 220 to the surface with double-sided tape, glue or adhesive that is compatible with waterproofing membranes (**consult with waterproofing membrane manufacturer before using double-sided tape, glue or adhesive with TW-Drain 220**). Alternately, TW-Drain 220 may be loose laid. When the TW-Drain 220 is loose laid, it is helpful to place a ballast on top of the TW-Drain 220 (e.g., 2" × 4" dimensional lumber). The temporary ballast will help to hold the TW-Drain 220 in place and prevent curled edges before pouring the final concrete layer.

4. For overlaps, place adjacent panels so that the cores abut. To ensure filter continuity, adhere the overlap fabric in 5' intervals with either tape, glue or a compatible adhesive. Splicing of the filter fabric should be performed as shown in Figure 1, horizontal splicing detail.

5. Secure the fabric overlap at 5' intervals with tape, glue or an adhesive.

6. Place panel ends so that cores abut. Completely seal the seam by adhering with a construction adhesive tape along the entire length of seam.

7. Where excess fabric material allows, wrap fabric around edges of core material.

REPAIRS

Minor tears in surface fabric must be repaired by completely covering tear with a strip of construction adhesive tape. Where fabric is excessively damaged or plastic core material is compromised it may be necessary to replace the entire section of TW-Drain 220.

ADDITIONAL PRECAUTIONS

All core joints must be covered by fabric overlay or by taping in the seam.

Exposure—Do not leave TW-Drain 220 exposed to sunlight for more than 7 days.

Figure 1

DIMPLES FACE UP **BUTT CORE** **FOLD FABRIC UNDER CORE AT ALL TERMINATING EDGES**

SHINGLE IN DIRECTION OF WATER FLOW

2

Rev. 05/17/2018