Product Datasheet

PREMIUM – Tile Waterproofing Membrane

WP HYDROSTOP

Waterproofing Sheet System for Tile & Stone

DESCRIPTION:

UZIN WP HydroStop is a flexible, sheet-applied, bonded waterproofing and vapor retarding membrane.

SUITABLE FOR:

- Residential and commercial wet locations such as showers, bathrooms, steam rooms, laundry, kitchens
- Facilities such as healthcare, education, hospitality, and recreation
- Use as a primary vapor retarder in steam rooms and steam showers in accordance with ASTM E96 (ASTM E96 Method E .05; ASTM E96 Method A .03)
- **Interior use only**. For immersion and exterior applications, use UZIN HS 200 Waterproofing Membrane, properly prepared concrete, masonry, cement mortar beds, and leveling compounds
- Gypsum wallboard (interior), industry-standard plywood (interior dry conditions), and tile industry-recommended backerboards
- Mortar beds and surface preparation products where applicable



FEATURES AND BENEFITS:

- Thin, flexible, waterproof material – Ensures predetermined thickness and secure, accurate installations
- Textured, multi-dimensional, reinforced fabric – Provides complete mortar contact and substrate adhesion
- Meets ANSI A118.10 and ASTM E96 – Provides protection and peace of mind
- ICC-ES certified / PMG-1450 – Can be used as a shower pan liner
- Separate WP accessories include Inside/Outside Corners, Pipe Collar, Drain Collar, Mixing Valve Collar, Seam Tapes – Fast installation, saves time and costs



TECHNICAL DATA:

Packaging	3'3" x 98' = 323 sq. ft. (1 m x 30 m = 30 m²) 3'3" x 32.8' = 108 sq. ft. (1 m x 10 m = 10 m²)
Color	Green
Thickness	20 mils (0.5 mm)
Minimum application temperature	40–95°F (5–30°C)

Uzin Utz North America, Inc. | toll free 866-505-4810 | 720-374-4810 | 14509 E. 33rd Place, Unit G, Aurora, CO 80011 | us.uzin.com | us.uzin-utz.com

WP HYDROSTOP

PRODUCT PROPERTIES:

UZIN WP HydroStop is a flexible, polyethylene sheet system with a textured, multi-dimensional reinforcing fabric on both sides, allowing for positive mortar contact and adhesion. Meets ANSI A118.10 for thin, load-bearing, waterproof membranes. UZIN WP HydroStop is ICC certified for use as a shower pan liner.

SUBSTRATE PREPARATION:

- All substrates should be structurally sound, stable, dry, clean, and free of any substance or condition that may reduce or prevent adhesion.
- See the UZIN Surface Preparation Requirements document for tile and stone installation systems.
- Larger format tile and stone products require very flat substrates for proper installation. Select and apply the appropriate UZIN self-leveling compound prior to tile installation.
- Highly absorbent substrates, such as plaster, must be primed or treated as detailed below before proceeding with tile installation. Prime with UZIN PE 260 Primer diluted 1:3 with water and allow to dry thoroughly. For interior use only.
- Non-porous substrates, such as existing tiles, must be primed or treated as detailed below before proceeding with the tile installation. Prime with UZIN PE 280 fast Primer and allow to dry thoroughly. For interior use only.
- For applications involving high substrate moisture, use either UZIN PE 414 Turbo or UZIN PE 460 as necessary to mitigate moisture vapor.
- For challenging jobsite conditions over gypsum, weak or smooth surfaces, cracks, coatings, wood, and existing floor coverings, select a UZIN primer and/or reinforcing system.

APPLICATION:

1. Unroll and lay out WP HydroStop with the printed side facing upward. Cut to size (the sheet has notch marks on both sides as cutting reference points) and then roll up again.

2. Apply UZIN CX 33 or UZIN HS 200 with a 1/4" x 3/16" (6x5 mm) or 1/8" x 1/8" x 1/8" (3 x 3 x 3 mm) square notch trowel and install HydroStop WP into wet mortar. Respect mortar open time and ensure mortar does not skin over before installing HydroStop.

3. Using the flat side of the trowel, press down firmly over the top surface of the membrane and pull the trowel from the center of the sheet to the outside edges. The purpose of this is to ensure full mortar contact and to work out any air bubbles.

4. Overlap seams at least 2" (5 cm). The sheet has reference marks to identify the overlap distance. Use UZIN CX 33 or UZIN HS 200 to bond.

   Alternate installation method: Lightly butt seams together and install UZIN Seam Tape over the seam using UZIN CX 33 Mortar or UZIN HS 200. When needed for installation, UZIN Waterproofing Accessories are available for Inside / Outside Corners, Pipe Collar, Drain Collar & Mixing Valve Collar. Allow approximately 2.5 hours dry time for mortar to set.

5. Provide for expansion and control joints as per TCNA Detail EJ171 (USA) or TTMAC Detail 301MJ (Canada). If waterproofing is required in substrate movement joints, UZIN WP Seam Tape can be bonded to both sides of the joint with UZIN HS 200 and then filled with an appropriate joint sealant or expansion molding system prior to the application of WP HydroStop.

6. UZIN CX 33 BiTurbo and UZIN HS 200 are the primary recommendations for bonding WP HydroStop. However, UZIN CX 20, CX 30, or TR 400 may also be used to bond WP HydroStop and/or WP HydroStop Accessories if availability, site conditions, and project requirements dictate. There is no issue with compatibility or bond performance. Tile and stone can be installed using UZIN CX 20, CX 30, CX 33 BiTurbo, or TR 400 depending on performance and set time required.

IMPORTANT NOTES:

- Optimum application conditions are 60–77°F (16–25°C) and relative humidity below 65%.
- UZIN WP HydroStop has some limited crack bridging ability, but is not considered a crack isolation membrane in accordance with ANSI A118.12.
- UZIN WP HydroStop can be stored for at least 24 months if stored vertically in a cool, dry place. Do not store in direct sunlight and keep away from frost and heat.
- For wall applications, the maximum installation height is 13' (4 m).
- If waterproofing is required in substrate movement joints, UZIN Seam Tape can be bonded to both sides of the joint with UZIN HS 200 and then filled with an appropriate joint sealant or expansion molding system prior to the application of UZIN WP HydroStop.
- Not recommended for use in conditions where hydrostatic pressure and high substrate moisture exist. For these conditions, contact UZIN for technical support and recommendations.
- UZIN WP HydroStop is a membrane and should not be left exposed. Light foot traffic is acceptable during tile installation, but we recommend protecting it from abrasion, point loading, and surface damage. Install tile within 7 days of membrane installation.
- For radiant heat applications, run and test the system in advance to ensure it is working properly. Turn off the system prior to installation and leave it off for 7 days after grouting.
- For technical assistance that pertains to this product and the jobsite conditions, please contact the UZIN technical service department at 866-505-4810.

The above information is based on our experience and testing. Uzin Utz North America, Inc. is not responsible for the variety of associated materials and variable construction and working conditions that occur on jobsites. The quality of your work depends on your own professional judgment and product usage. If in doubt of any application recommendation or instruction, conduct a small test or obtain technical advice. Observe the installation recommendations of the floor covering manufacturer. The publication of this Product Data Sheet invalidates all previous product information. us.uzin.com | 10/2026

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Precautions: Carefully read and follow all precautions and warnings on the product label. For complete safety information, please refer to the Safety Data Sheet (SDS) available at uzin.com.

DISPOSAL:

Dispose of the product and packaging according to all federal, state, and local applicable regulations. Avoid or minimize waste generation when possible. Cardboard packaging is recyclable.

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