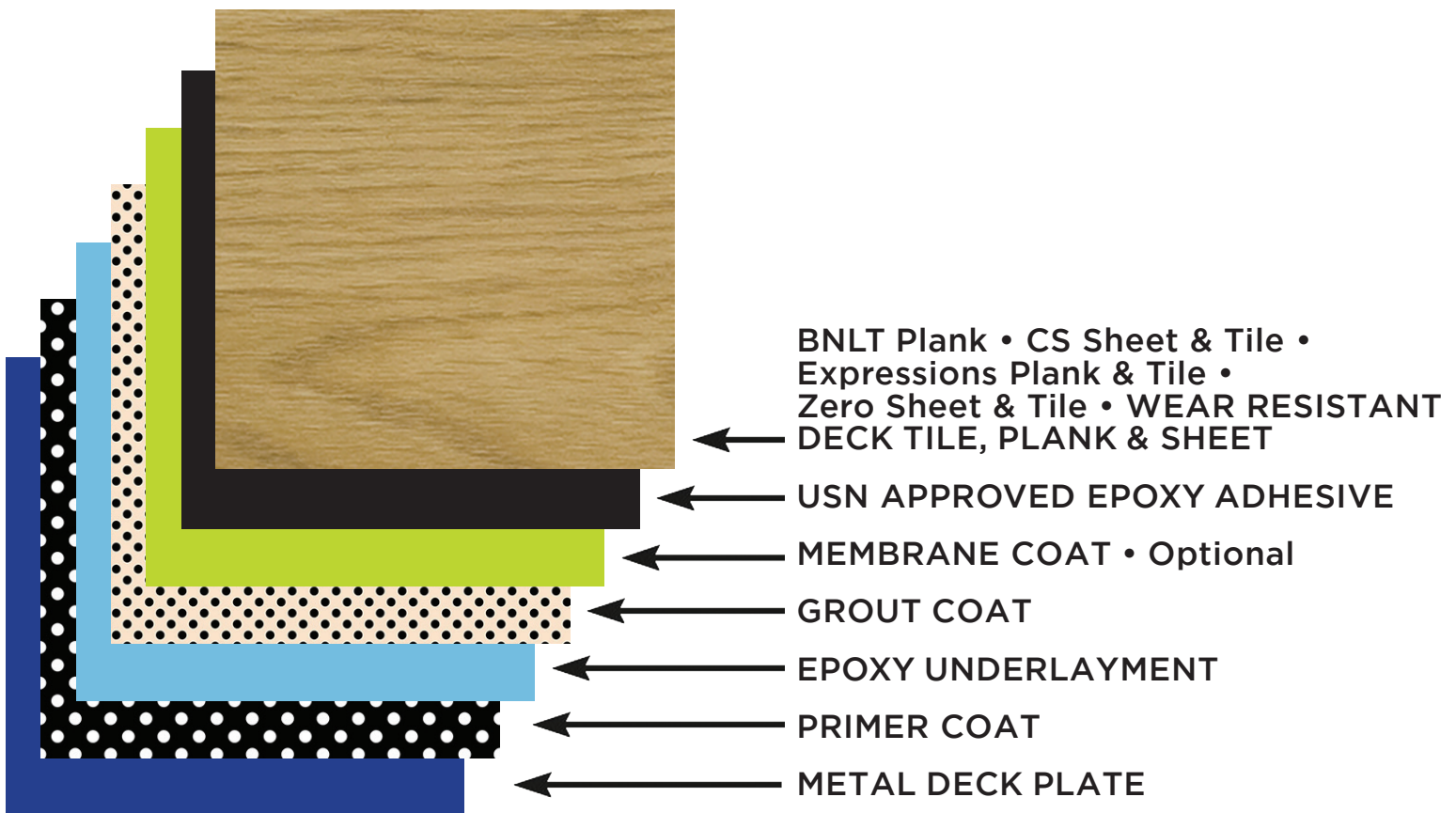


TEKNOFLOR®

BNLT Plank • CS Sheet & Tile • Expressions Plank & Tile • Zero Sheet & Tile

USN WEAR RESISTANT DECK TILE, PLANK & SHEET ASSEMBLY MIL-PRF 32170 • QPL Listed

Date: August 2021



Deck Covering cuts easily with a utility knife - Use of heat is optional.
Substrate Flat to within 3/16" in 10 ft. in 360°.

POINT OF CONTACT: PHILIP "P. J." HUGHES
phone: 937.829.8316 • email: phughes@teknoflor.com • teknoflor.com

MANUFACTURER DATA

TEKNOFLOR®

1005 South 60th Street
Milwaukee, WI 53214 USA
Deck covering installation for MIL-PRF-32170A

Contact: Philip "PJ" Hughes

Phone: 937.829.8316

Email: phughes@teknoflor.com

MATERIAL STORAGE & HANDLING

Upon receipt, immediately remove shrink wrap and confirm materials are correct color, style and quantity for each Batch with consecutive roll numbers for sheet goods. Carefully check all materials for shipping damage. Note any damage on bill of lading when signing for delivery. Visible damage not reported on bill of lading is your responsibility. Report discrepancies immediately to Teknoflor Customer Service at (414) 771-9166.

Store all flooring products and accessories in a dry interior area maintained between 50° to 90° Fahrenheit (F) or 10° to 32° Celsius (C). Using outside temporary storage and other uncontrolled storage locations may result in unintended installation issues including bond failure, gapping or buckling and is not covered under the product warranty.

Handle materials with care to prevent unintended damage.

TILE & PLANK FLOORING - Keep all tile and plank flooring stored on pallet with cartons squarely stacked one on top of another. Do not stack more than 12 cartons high and do not double stack pallets.

SHEET FLOORING - Once received, unstrap all rolls from pallet and store upright with capped end down. This helps prevent distortion, and compression.

SURFACE PREPARATION

Always perform a bond test prior to installation.

All substrates must be sound, clean, flat and smooth, dry and free of dust, dirt, wax, grease, oil, marker or paint, and any deleterious contaminants that may stain the flooring or interfere with a good bond (ASTM F710). Concrete must be fully cured, meet specified moisture limits and shall be free of incompatible curing compounds, sealers, release agents or other additives or treatments that may interfere with a good bond.

Use a high quality suitable 3,500 psi underlayment in accordance with the manufacturers' instructions. Do not fill expansion joints or other moving joints. Follow the current product instructions for preparation and installation over specific substrates. It is the sole responsibility of the installer/contractor to ensure the substrate is suitable and is properly prepared prior to installation.

SUITABLE SUBSTRATES

Properly prepared double layer wood subfloors with a minimum 1 inch total thickness using APA or other suitable ¼ inch or thicker underlayment grade plywood (prepared in accordance ASTM F1482); terrazzo; ceramic; existing well adhered non-cushion vinyl tile and vinyl sheet goods; radiant heated

subfloors where surface temperatures do not exceed 85° F (29° C); and above, on, or below grade concrete (prepared in accordance with ASTM F710). Teknoflor, CS Sheet & Tile, LT Plank and all Upofloor products shall only be installed directly to the properly prepared base subfloor and not over existing flooring.

SUBFLOOR MOISTURE LIMITS

CONCRETE: **95.0% RH** (ASTM F-2170) and/or **12.0 lbs. MVER** (Moisture Vapor Emissions Rate) (ASTM F-1869).

With TEK Max™: **99.0% RH** and/or **18 lbs. MVER - 2 coats**

WOOD: Readings Between the subfloor/structural wood And underlayment panels must be within 2% of each other and normal and acceptable for your region of the country. If moisture test results exceed the acceptable levels for your region, apply a single coat of TEK Max to the underlayment.

WARNING: Failure to comply with the critical steps listed below may result in problems with the installation of our products.

INSTALLATION PREPARATION

The jobsite floor and room temperature must be maintained at 65° - 85°F, and humidity between 40% - 65% for a minimum of 48 hours before, during and after installation, along with the material, adhesives, patch and other temperature/humidity ancillary items.

The installation site must be acclimated with HVAC in operation for a minimum of 1 week and preferably 2-3 weeks before starting. The adhesive, floor covering and subfloor surface to receive flooring must be acclimated to stable temp. within 3° F of each other between 65° to 85° F (18° to 29° C) and at a Relative Humidity (RH) of 35% to 65% before during, and after installation. Do not install if the air RH is below 35%. Refer to the Teknoflor Installation Guidelines for detailed instructions.

INSTALLATION

When all preparatory work is satisfactorily completed, proceed with the installation. Inspect flooring for visual defect before installing. Installation implies acceptance of materials.

The installation area must have good lighting, remain free of dirt and debris and free from traffic during the installation and after installation as specified.

USN approved epoxy adhesive must be installed wet-set. To wet-set, apply adhesive with the appropriate trowel. Lay tile, plank or sheet goods into wet adhesive according to instructions to achieve a 100% adhesive transfer to the back of the flooring. Allowing for the proper open time will allow the adhesive to develop its grab and minimize slippage. This is determined by the room's relative humidity.

INSTALLATION (cont'd)

Immediately roll the flooring with a 100 lb. three section roller in both directions and hand roll the perimeter and seams to ensure complete contact between adhesive and flooring and that all trowel ridges are completely flattened. Re-roll the flooring after one hour. The General Contractor and or the Flooring Contractor are responsible to protect the installation with appropriate protection until the adhesive has cured and until the flooring is turned over to the owner.



Multi section roller



Hand Roller



Laminate Roller

CURING TIME AFTER INSTALLATION

Heavy foot traffic should be restricted for a minimum of 24 hours after installation. Rolling loads and furniture placement should be restricted for 72 hours.

Premature traffic can cause indentations, gapping and movement and other installation issues.

WARRANTY INFORMATION

This product is manufactured according to exacting quality control standards and is warranted to be free from manufacturing defects. Defective material called to our attention within one year of manufacture will be replaced. No guarantee, expressed or implied, is made regarding the performance of this product since the manner and conditions of application are beyond our control.

FIRST AID

CAUTION: DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately.

KEEP OUT OF REACH OF CHILDREN.

FIRST AID: Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident. If swallowed, do not induce vomiting. Immediately call for medical help. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If breathing is difficult, give oxygen. For eye contact, immediately remove contact lens and rinse with eyes wide open with plenty of water for several minutes. In case of skin contact, immediately wash skin with soap and plenty of water and rinse thoroughly. If possible, also wash with polyethylene glycol 400 and rinse thoroughly. Do not use solvents or thinners. Remove contaminated clothing or shoes. Seek medical help if irritation occurs. Wash clothing before reuse.

24 HR EMERGENCY CONTACT:

CHEMTREC 800.424.9300 CONTACT ID: CCN794556

FIREFIGHTING

FIRE FIGHTING: In case of fire, use alcohol foam, dry chemical, carbon dioxide, or water spray. Use self-contained breathing apparatus and full protective clothing.

POINT OF CONTACT

Philip "P.J." Hughes
Fed Gov / DoD / GSA Account Manager
SDVOSB GSA Schedule
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VAMC VIP Verified
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