

'HERO ANCHOR' RUBBER FLOORING ADHESIVE SPECIFICATIONS

PRODUCT DESCRIPTION

Hero Anchor adhesive is a solvent-free*, single component, trowel-applied, moisture-cured urethane adhesive specifically formulated for the installation of rubber flooring. Glue is a 0 VOC formulation as calculated by SCAQMD Rule 1168. Once cured, this adhesive is not adversely affected by exposure to moisture or water; its superior properties provide a tenacious bond to a variety of surfaces either indoors or outdoors. Has been formulated to exhibit a unique combination of application properties, including excellent trowelability, fast tack/grab, low odor, and easy cleanup. May be used to adhere most rubber flooring, tile, stair treads, and nosing. May be used over all properly prepared substrates common to rubber flooring installations including: concrete, asphalt, plywood, cementitious based patch/underlayment's, terrazzo, and radiant heated flooring. This product contains BLOCKADE® antimicrobial protection, which inhibits the growth of bacteria, mold, or mildew on the surface of the dried adhesive; the dried adhesive resists stains caused by mold.

DIRECTIONS FOR USE

Read and understand the datasheet completely before beginning installation. Follow the appropriate industry standards, including ASTM F710-20 "Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring." Various rubber flooring materials have vastly different substrate preparation and installation requirements; substrate preparation and installation requirements are key to a successful installation regardless of flooring material being installed. Always do a test area to ensure product satisfaction, including adhesion to the substrate, and/or to become familiar with proper application techniques prior to use. Periodically lift away a section of the floor covering to assure that proper coverage is being attained.

SURFACE PREPARATION

Surfaces must be clean, dry, and smooth, free of voids, projections, loose materials, oil, grease, sealers, and all other surface contaminants. Mechanically remove all surface contaminants by scraping, sanding, or scarifying the substrate. Surface areas requiring patching or leveling must be treated using Bostik® Ultra Finish, Webcrete 95™ & 98™ cement patches and/or Duralevel® 83P™ or Bostik SL-150 self-leveling underlayment's (for interior use only). Refer to the use instructions of these products for proper installation. Durabond D-250™ Moisture Vapor Barrier Coating or D-261™ Extreme Moisture Vapor Barrier Coating are recommended for installations where excessive moisture and/or alkalinity issues may exist or might occur from the concrete slab. Please refer to the "Installation" section below for proper installation methods when using these moisture vapor barrier coatings.

INSTALLATION

Spread Hero Anchor adhesive evenly with the proper trowel, as described below. Open time is influenced by substrate porosity and atmospheric conditions (i.e., temperature, humidity, and air movement.) For best results, maintain adhesive, floor covering, and room at a stable temperature of 50°F to 85°F for 24 hours before and after installation. Refer to the application instructions below for the recommended installation technique. Within 30–40 minutes, cut, fit, and reposition the floor covering as recommended. Roll the installation using the flooring manufacturer's recommendations. Periodically check the back of the floor covering to ensure 100% coverage of the flooring materials backing.

Applications Over Durabond D-250 Moisture Vapor Barrier Coating: may be installed directly over D-250 without the requirement of a primer or cementitious layer. Refer to the technical data sheet for this product for proper application instructions.

Applications Over Durabond D-261 Extreme Moisture Vapor Barrier Coating: may be installed directly over D-261 without the requirement of a primer or cementitious layer. In lieu of using a single coat of D-261, two coats of D-250 may be used to mitigate the most extreme moisture conditions. Refer to the technical data sheets for these products for proper application instructions.

CURE TIME

Humidity affects cure to a greater degree than temperature; the higher the humidity, the faster the cure. Under normal conditions (70°F and 50% RH), light foot traffic is acceptable after 8 to 10 hours; normal traffic after 24 hours.

CLEANUP AND STORAGE

As you work, immediately clean any adhesive from rubber flooring with mineral spirits using a clean rag. Immediately clean all tools and equipment with mineral spirits before adhesive cures. Once cured, this material can only be mechanically removed, which may damage some surfaces. The product should be stored in the original container in a cool, dry place.

HERO ANCHOR ADHESIVE SPECIFICATIONS

HERO RUBBER + NIKE GRIND



LIMITATIONS

- Slab temperature should be between 40°F and 100°F during installation. Large fluctuations in temperature during installation and cure should be avoided.
- Do not use on wet, dusty, contaminated, or friable substrates; do not use over substrates/slabs treated with sealers or curing compounds; do not use in areas subject to hydrostatic head.
- Do not allow heavy traffic or rolling loads for a minimum of 24 hours.
- Prior to applying adhesive to rubber stair treads, lightly sand the entire back of the tread and nosing and wipe with denatured alcohol to remove any contaminants that may interfere with proper adhesion.
- Rubber flooring is available in a wide range of variations with a number of different backings; it is critical that a test is done prior to actual installation using the adhesive and flooring material to confirm compatibility, application techniques, and/or proper performance of the adhesive.
- Do not use over any gypsum-based materials.

PACKAGING

Urethane Adhesive is available in 4 gallon pails.

COVERAGE

Ensure proper adhesive transfer by using the recommended trowel sizes listed below.

RECOMMENDED TROWELS FOR MAXIMUM PERFORMANCE

- 1/16" x 1/16" x 1/16"
Smooth backed products
Interior Applications Only
Coverage: 95 ft² / Gallon
- 1/16" x 1/16" V-notch
Recycled rubber tile or rolled goods
Coverage: 75 ft² / Gallon
- 1/8" x 1/8" x 1/8"
Rough backed products
All Exterior Applications
Coverage: 80 ft² / Gallon

Trowel size is suggested to maximize coverage of adhesive. Periodically check the coverage of adhesive during installation. Uneven subflooring may require the use of either a leveling/patching material or a larger notched trowel for proper coverage of adhesive. Always refer to the flooring manufacturer's recommended use.

STORAGE AND SHELF LIFE

Shelf life is one year from date of manufacturing in unopened, original packaging. Store at temperatures between 50°F and 100°F.

Re-Seal Partially Used Container: With the pail upright, place a sheet of plastic (e.g., trash bag) over the top of the pail. Secure the lid tightly over the plastic on top of the pail. Carefully turn pail upside down. Plastic will help prevent the material from bonding the lid closed.

Re-Open Partially Used Container: Carefully turn pail right side up. Remove lid. Carefully cut and discard cured material.

HERO ANCHOR ADHESIVE SPECIFICATIONS

HERO RUBBER + NIKE GRIND



CHEMICAL & PHYSICAL PROPERTIES

- Application Temperature: 40°F – 100°F
- Service Temperature: 40°F – 150°F
- Flash Point: > 500°F
- Viscosity: Creamy and Trowelable
- Odor: Minimal
- Color: Gray
- Weight: 13.75 lbs/gallon
- Working Time at 72°F: 30 – 40 minutes
- Cure Time: 8 – 10 hours
- Foot Traffic: 24 hours for normal traffic
- Freeze/Thaw: Stable
- VOC Content: 0 g/L as calculated by SCAQMD Rule 1168
- Water Vapor Transmission: Permeance < 0.6 perms @ 60 mil
- Tensile: 185 psi
- Shear-to-Concrete: 200 psi
- Elongation: >150%
- Flammability (ASTM E-84): Flame Spread Index = 25

Note: Cure time may vary depending on temperature and humidity.

For further information please email teamhero@heroflooring.com.