

**INCLUDES: BIOLIFE, NATURELIFE, DECO WOOD/STONE**

**1) JOB SITE CONDITIONS – THESE CONDITIONS APPLY TO ALL PRODUCTS:**

- a) The building's permanent HVAC system must be on and maintained consistently at a range of 65° - 85° F, (20° - 29° C) for at least 5 days.
- b) All flooring materials and adhesives should be acclimated to the jobsite conditions for a minimum of 48 hours prior to beginning the installation. Store and secure all rolls standing upright. Store cartons flat and squarely on top of one another, not on edge.
- c) Visually inspect all material before installation. Contact Shaw Hard Surface Customer Service Department immediately if any problems exist. Any material installed with visual defects may not qualify as a valid claim.

**2) FLOOR PREP – THESE CONDITIONS APPLY EQUALLY TO ALL PRODUCTS:**

- a) Substrates shall be permanently dry, clean, smooth, and structurally sound. They shall be free of dust, solvent, paint, wax, oil, grease, residual adhesive, adhesive removers, curing, sealing, hardening, or parting compounds, alkaline salts, excessive carbonation, or laitance, mold, mildew, and other foreign material that might prevent adhesive bond.
- b) Curing compounds (DO NOT USE). If present, compound must be removed.
- c) It is imperative that moisture testing occur in advance of any installation of any Shaw product on all concrete slabs, no matter the type, age or grade level of the concrete. Testing should be performed according to ASTM F 1869 Calcium Chloride Moisture Emission Test, (with maximum emission levels of 5 lbs of moisture over a 1000 ft<sup>2</sup> area during a 24-h period. hours), or ASTM F-2170 In-Situ Relative Humidity Test, (with a maximum relative humidity of 80%). ASTM F-2170 In-Situ Relative Humidity Test is the only test accepted for all "light weight concrete" floors. Documented moisture test results are required for Shaw warranty.
- d) Test concrete surface for pH, pH must not exceed 10. Documented pH test results are required for Shaw warranty.
- e) Use only Portland cement-based patching and leveling compounds. Do not install Shaw resilient flooring over gypsum based patching and/or leveling compounds.
- f) Responsibility for the suitability of the substrate rests solely with the installer on the job site.

**3) SHAW ADHESIVES:**

- a) You must use Shaw adhesive with Shaw resilient products for the Shaw warranty to be valid.
- b) **Shaw 4100** - solvent free vinyl sheet, plank, tile, and RexCourt adhesive -installer friendly, premium high strength (non-staining) acrylic adhesive, designed to permanently install Shaw resilient flooring. Shaw 4100 may be used on all grades of concrete on, above, or below grade in the absence of excess moisture, as well as suspended approved wood floors. Shaw 4100 may also be used for installing over existing, non-cushioned resilient flooring that has been prepared according to manufacturer's recommended methods. Shaw 4100 is non-flammable, water (87% Rh) (6 lbs) and alkali (10 pH) resistant and freeze-thaw stable. Shaw 4100 has excellent resistance to plasticizer migration and sets to a tough permanent bond. Zero (calculated) VOC's. CRI Green Label Plus Approved.
- c) **Shaw 3100** – solvent-free, chemically curing 2-part epoxy adhesive specifically formulated for the installation of Shaw vinyl floor coverings over porous and non-porous surfaces. The 3100 is recommended over wood floors and dry concrete floors above, on, or below grade where moisture is not a problem.
- d) **Shaw 5100** – solvent-free Static Dissipative Floor Covering Adhesive is a premium latex adhesive, designed to permanently install dimensionally stable Static Dissipative Vinyl Tile. Shaw 5100 may be used on all grades of concrete on above or below grade in the absence of moisture, as well as suspended approved wood floors (APA). This adhesive is non-flammable, water and alkali resistant and freeze-thaw stable. Shaw 5100 has excellent resistance to plasticizer migration and sets to a tough permanent bond.
- e) **Shaw 5500** – Shaw 5500 is a solvent-free, chemically curing 2-part epoxy adhesive specifically formulated for the installation of Shaw ESD vinyl flooring coverings over porous and non-porous surfaces. Shaw 5500 is recommended over wood floors and dry concrete floors above, on, or below grade where moisture is not a problem. Follow Shaw Floors current recommendations and abide by current industry standards regarding sub-floor preparation.

**4) INSTALLING RESILIENT SHEET PRODUCTS:**

**NATURELIFE:**

- a) Heat welding is the preferred seaming procedure for commercial installations.
- b) Chemical welding is optional for Shaw sheet products in low traffic areas.
- c) Avoid all foot traffic for 12 hours after installation.
- d) Avoid rolling load traffic for at least 72 hours. If rolling loads cannot be avoided, protect the new flooring with wood panels.
- e) Install all sheets running in the same direction, (Do Not Reverse)

**BIOLIFE**

- a) Ensure that moisture tests have been conducted and that the results do not exceed 6.0 lbs of moisture over a 1000 ft<sup>2</sup> area during a 24-h period per ASTM F-1869-04, or 87% In-Situ relative humidity when tested according to ASTM F-2170.
- b) pH of concrete sub-floor surface is no greater than 10.
- c) The permanent HVAC system turned on and set to a minimum of 68°F (20°C) for a minimum of 72 hours prior to, during and after installation. After the installation, the temperature should not exceed 100°F.
- d) Flooring material and adhesive must be acclimated to the installation area for a minimum of 48 hours prior to installation.

- e) Use only Shaw 4100 adhesive.
- f) Use a 1/32" Deep x 1/16" Wide x 1/32" Apart (U) notch trowel only.
- g) Material should always be visually inspected prior to installations. Any material installed with visual defects will not be considered a legitimate claim as it pertains to labor cost.
- h) Biolife is dimensionally stable, and will not shrink or compress. If cut too full, it may result in a bubble.
- i) Install all cuts and rolls in consecutive sequence.
- j) Reverse sheets for seaming.
- k) Ensure that all recommendations for sub-floor and jobsite conditions are met prior to beginning the installation. Once the installation has started, you have accepted these conditions.

#### 5) INSTALLING RESILIENT TILE & PLANK PRODUCTS:

- a) Install Shaw tile & plank using conventional tile installation techniques. Make sure you will have at least a half of a tile at all borders.
- b) Install tiles running in same direction (arrows are on back of tile).
- c) Avoid all foot traffic for 12 hours after installation.
- d) Avoid rolling load traffic for at least 72 hours. If rolling loads cannot be avoided, protect the new flooring with wood panels.

#### 6) MAINTENANCE:

Note: Shaw Floors products do not always require a floor finish. However, in certain applications a floor finish may be desirable to aid in stain resistance, resistance to abrasion or increase gloss level.

Note: For Shaw STATICPULSE™ ESD Control Tile, DO NOT APPLY ANY FINISH.

##### **New Floor:**

- Do not begin wet maintenance for at least 4 or 5 days after installation is complete.
- Damp mopping is allowed after 12 hours.

##### **Regular Maintenance**

###### Best Practice:

- Remove surface soil, dirt, sand and grit by vacuuming or dust mopping.
- Before selecting an Option, determine what the visual expectations are, e.g. Shiny, Medium, or Matte finish.

##### **Option 1 - No Wax & No Buff Methods (Matte Finish)**

- Damp Mop: Clean floor with a neutral pH detergent such as Diversey 'Stride', Taski 'R-50' or equivalent. Follow manufacturer's directions for mixing and using.

###### And/Or

- Machine (Auto Scrubber): If desired, scrub with a rotary scrubber using a 3M red type scrubbing pad or automatic scrubber with equivalent scrubbing pads or brushes.

##### **Option 2 - Floor Finish (Shiny or Matte)**

- Apply 2-3 coats of high quality floor finish such as Diversey's 'Carefree' or Taski's 'Vision Matte', or equivalent. Apply with a clean finish mop or finish applicator. Follow finish manufacturer's instructions.
- Allow each coat to dry completely before applying the next coat.

\* Spray Buffing in lieu of Option 2 is acceptable and will leave a slight luster on the floor.

**\*Consult Shaw Floors web site [www.lgfloors-usa.com](http://www.lgfloors-usa.com) for complete maintenance instructions.\***

#### 7) WARRANTY:

- a) Shaw Floors warrants its heterogeneous sheet, heterogeneous tile, homogeneous tile, ESD tile and welding rods to be free from manufacturing defects for five years from the date of purchase.
- b) Shaw Floors warrants its heterogeneous sheet, heterogeneous tile and homogeneous tile with a limited wear warranty.
- c) Shaw Floors warrants ESD Tile with a lifetime conductive warranty.
- d) Visit [www.lgfloors-usa.com](http://www.lgfloors-usa.com) for Shaw Floors complete warranty, including limitations, exclusions and warranty qualification statements.

#### 8) WORKMANSHIP:

- a) Shaw Floors does not warrant any installation workmanship. Please address all workmanship errors to the contractor who installed the floor.
- b) Shaw Floors recommends professional installation by contractors who have demonstrated expertise in installing resilient floors and have at least 5 years commercial project experience and references installing commercial resilient tile and sheet flooring.

#### 9) NOTES:

- a) Visit [www.lgfloors-usa.com](http://www.lgfloors-usa.com) or call Shaw Floors Technical Support 1 888 543-5872, (LGFL-USA), for complete and current information:
  - i) Find detailed information on floor-prep and installation recommendations over concrete and other subfloor types including wood, porous and non-porous surfaces.
  - ii) Adhesive recommendations, including 2-part epoxy adhesives, ESD adhesives and others.
  - iii) Review current maintenance recommendations.
  - iv) See complete and current Shaw Floors written warranty.