



## PERFORMANCE+ RUBBER TREADS CHIP+ RUBBER TREADS

N+ Rubber Treads are designed for use in high traffic areas where durability and increased slip resistance is desired. With options for adjustable nose and abrasive strips for safety, all ADA and Safety requirements are met. These treads are ideal for indoor use in most commercial, industrial or residential stairs such as schools, hospitals, department stores, government buildings, hotels, dormitories, sports complexes, airport terminals, shopping malls or any other public or private building.

### Round Disc

- 1" (25.4 mm) Diameter Round Disk with Tapered Edges
- Adjustable Square Nose
- 2" (50.8 mm) Nose Length
- 1/8" (3.2 mm) At Back of Tread
- 12" (304.8 mm) Deep
- Available in 36" (.91 m), 42" (1.07 m), 48" (1.22 m), 54" (1.37 m), 60" (1.52 m), 72" (1.83 m), 84" (2.13 m), 96" (2.44 m) & 108" (2.74 m) Lengths
- Matches Round Disc Tiles

### Round Disc with Strip

- 1" (25.4 mm) Diameter Round Disk with Tapered Edges
- 2" (50.8 mm) Carborundum Inserts approximately 3/4" (19 mm) from Nose for Visual and Tactile Warning
- Adjustable Square Nose
- 2" (50.8 mm) Nose Length
- 1/8" (3.2 mm) At Back of Tread
- 12" (304.8 mm) Deep
- Available in 36" (.91 m), 42" (1.07 m), 48" (1.22 m), 54" (1.37 m), 60" (1.52 m), 72" (1.83 m), 84" (2.13 m), 96" (2.44 m) & 108" (2.74 m) Lengths
- Matches Round Disc Tiles

### Milled

- Random Dimples across Surface
- Square Nose
- 1 5/8" (41.28 mm) Nose Length
- 5/64" (1.98 mm) At Back of Tread
- 20 3/8" (517.53 mm) Deep
- Available in 36" (.91 m), 42" (1.07 m), 48" (1.22 m), 54" (1.37 m), 60" (1.52 m) & 72" (1.83 m) Lengths
- Matches Milled Tiles

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### Smooth without Strip

- Smooth Surface
- Square Nose
- 1 5/8" (41.28 mm) Nose Length
- 1/8" (3.2 mm) At Back of Tread
- 12 1/4" (311.15 mm) Deep
- Available in 36" (.91 m), 42" (1.07 m), 48" (1.22 m), 54" (1.37 m), 60" (1.52 m) & 72" (1.83 m) Lengths
- Matches Smooth Tiles

### Smooth with Strip

- Smooth Surface
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- Square Nose
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### Risers

- 7" (177.8 mm) Height
- .100" (2.5 mm) Thick
- Available in 36" (.91 m), 42" (1.07 m), 48" (1.22 m), 54" (1.37 m), 60" (1.52 m), 72" (1.83 m), 84" (2.13 m), 96" (2.44 m) & 108" (2.74 m) Lengths

### PRODUCT CLASSIFICATION

- **ASTM F 2169-12, Resilient Stair Treads** - Type TS, Class 1 & 2, Group 1 & 2, Grade 1

### FIRE TESTING INFORMATION

- **ASTM E 648 (NFPA 253), Critical Radiant Flux** - Class 1, > .45 W/cm<sup>2</sup>
- **ASTM E 662 (NFPA 258), Smoke Generation** - Passes, < 450

### GENERAL PERFORMANCE INFORMATION

- **ASTM D 2047, Coefficient of Friction (Slip Resistance)** - > .6
- **ASTM D 2240, Hardness** - > 85
- **ASTM F 925, Resistance to Chemicals** - Passes, List of Chemicals Available
- **ASTM F 1514, Heat Stability of Color** - ΔE < 8 Avg

### BENEFITS & LIMITATIONS

- Can be installed over concrete, metal, wood, terrazzo, marble, ceramic tile and other substrates
- All Treads require N+ Epoxy Nose Filler during installation
- Do not bend or flex Treads, especially with Treads with inserts as the inserts could wrinkle and/or release
- Treads that require butting installations should be ordered by notation of the intent to butt the stair treads together
- Butting installations will require trimming on the ends butting together to ensure proper fit
- Treads should be trimmed on both edges to align design
- Treads should be trimmed to fit step flush, when using Risers cut the tread short by 1/8" to ensure proper fit on the front of the step
- Milled Tread requires the use of a cove stick at the junction of the tread and riser to provide support for the bend
- N+ does not recommend the use of floor finishes or sealers of any kind since desired appearance can be maintained using standard maintenance procedures. If desired, floor finishes designed for Rubber Flooring can be used but keep in mind the slip resistance information and maintenance procedures will change from the published information
- Not to be used in Commercial Kitchens or other areas subjected to animal, vegetable or petroleum based oils and solvents

- Not to be used in areas subjected to sharp spikes, cleats, sharp wheels, stiletto heels or other objects that could damage the flooring.
- Not to be used in direct contact with heat sources or in outdoor applications.
- Staining may occur if allowed to remain in contact with strong staining agents such as tires, walk-off mats, disinfectants, cleaning agents, pesticides or other chemicals (solid, liquid or gas).
- Long term, extended or excessive exposure to UV Heat & Light can cause discoloration or other undesirable affects, so use caution or window treatments in these areas.
- As rubber stair treads age, color will darken with exposure to environmental elements; some shading should be expected with repairs from attic stock material.
- Dragging or improperly moving furniture or equipment across the surface of the rubber stair tread can cause permanent damage.

## INSTALLATION

- Read all literature concerning the product description, product limitations, substrate preparation, adhesive information, adhesive application, product installation procedures and warranty before installation.
- Deliver all materials to the installation location in its original packaging with labels intact and remove any plastic stretch wrap and do not stack materials.
- Inspect all material for proper type and color prior to installation.
- Store products in a dry area protected from the weather on a smooth, flat, dry surface with temperatures maintained between 65° F (19° C) and 85° F (30° C).
- Inspect all substrates prior to installation.
- All substrates must be clean, smooth, permanently dry, flat, and structurally sound.
- The substrate must be free of moisture, dust, sealers, paint, curing compounds, parting agents, residual adhesives, adhesive removers, hardeners, resinous compounds, solvents, wax, oil, grease, asphalt, gypsum compounds, alkaline salts, excessive carbonation or laitance, mold, mildew, any other extraneous coatings, films, materials and all other foreign matter which might interfere/restrict proper adhesive bonding.

- In renovation or remodel work, remove all existing adhesive residue so that 100% of the overall area of the original subfloor/substrate is exposed.

### Approved Adhesives for Installation

Select the appropriate adhesive for your installation, substrate and use. With any adhesive selection ensure that proper moisture and pH testing is performed and results are below limits listed below. A bond test should be performed at least 72 hours prior to the scheduled installation to ensure the substrate is suitable.

### Required N+ Epoxy Nose Compound

- Follow Label Instructions for Porous & Non-Porous Substrates
- ASTM F 1869-11; Calcium Chloride Method, 5 lbs.
- ASTM F 2170-11; Relative Humidity Method, 80%
- pH, 10 or less
- Low Peel Strength | Low Sheer Strength when cured
- Heavy Foot Traffic, Light Point & Rolling Loads, Inconsistent & Extreme Temperatures, Topical Moisture
- VOC Information; Part A, 2 g/L, Part B, 21 g/L, Combined, 18 g/L Actual

### N+ Rubber Tile & Stair Tread Adhesive

- Follow Label Instructions for Porous & Non-Porous Substrates
- ASTM F 1869-11; Calcium Chloride Method, 5 lbs.
- ASTM F 2170-11; Relative Humidity Method, 80%
- pH, 10 or less
- Medium/High Peel Strength | Medium Sheer Strength when cured
- Heavy Foot Traffic, Light/Medium Point & Rolling Loads, Consistent Temperatures, No Topical Moisture
- VOC Information, <1 g/L Calculated
- FloorScore Certified
- CHPS Compliant
- LEED Compliant

## PRODUCT MAINTENANCE

- Neutral pH cleaner such as Spartan Chemical Green Solutions All Purpose Cleaner, Spartan Chemical Clean by Peroxy, Taski Profi or comparable product.
- Initial maintenance includes scrubbing with hand held scrubbing machine or soft bristle deck brush.
- Hand Buff with soft Terry Cloth Towel wrapped around a push broom.
- No Wax or Sealers required.
- Sealer and/or finishes can be used to reduce level of maintenance required.

## LIMITED WARRANTY

Limited One (1) Year Manufacturer's Warranty  
 Limited Five (5) Year Wear Warranty