

# **NRT** NATIONAL **REDI-TREAD**™

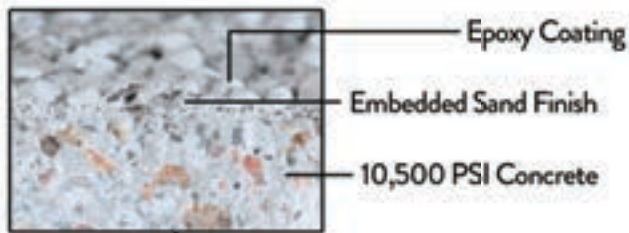


**HIGH PERFORMANCE  
LIGHTWEIGHT STAIR  
TREADS WITH A  
SUPERIOR SLIP  
RESISTANT FINISH**

**BETTER RESULT • SAFER WORKSITE • LOWER COST**



**RHINO TRED®**



Epoxy Coating

Embedded Sand Finish

10,500 PSI Concrete



Patented Honeycomb Core

Patented **RHINO TRED®** replaces the need to build with costly concrete filled steel pan or loud checker plate stairs.

Stairwell painting and clean-up can happen before the final installation of **RHINO TRED®**.

Pre-engineered for steel or wood stringers up to 6 ft in width.

**RHINO TREDs®** are built with a patented lightweight honeycomb core design, using a UHPC 10,500psi concrete. 48" treads weigh 34lbs, a 70% weight reduction vs standard precast treads. Stair structure must conform to the following I.B.C. code:

**I.B.C. Code: Table 1607.1**

- ✓ 100 pfs – uniform load (4.8kM/m<sup>2</sup>)
- ✓ 300 lbf – concentrated load (1.33kN) 4 sqr in area (2581 square mm)

**RHINO TRED®** is 1 ½" nominal thickness, 11 ⅝" deep, and cut to your exact width. The embedded sand and epoxy finish provide a slip resistant and long wearing stair tread.

Plus, with less concrete, CO2 emissions are reduced by up to 2/3's, a LEED points opportunity.

Use in low or high-rise applications.

Cracks are unfortunately common in concrete. While you may notice a superficial hairline crack, due to our patented core and high performance mix, they do not affect the integrity of the tread.

#### **RHINO TRED® BENEFITS**

- Embedded sand and epoxy finish provide a superior "pool deck" slip resistant finish.
- Lightweight honeycomb design - reduces weight by 70% and CO2 emissions.
- Eliminates concrete pour and clean-up costs.
- Full use of stairs, before installation of **RHINO TRED®**.
- Wood or steel stringers with full width sub-pan support needed.



**FULL USE OF  
STAIRS DURING  
CONSTRUCTION**

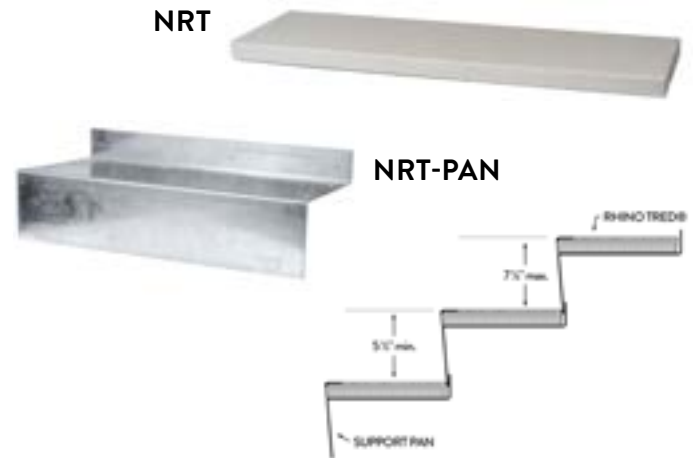
# RHINO TRED® PROVIDES A SUPERIOR “POOL DECK” SLIP RESISTANT FINISH VS POURED CONCRETE.

**NRT** – Our basic concrete tread has embedded sand and an epoxy finish.

**NRT-PAN** – Pre-engineered universal steel pans attach to steel clips or wood stringers, for simple installation.

Closed riser 14-gauge sub-pans needed for any riser height up to 48” stair width. (Thicker sub-pans needed above 48”)

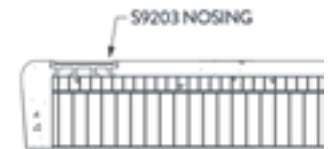
Optional G90 galvanized steel sub-pans available for exterior use.



## TO MEET LUMINOUS EGRESS CODE REQUIREMENTS, OPTIONS BY SAFE-T-NOSE® MAY BE FACTORY INSTALLED.

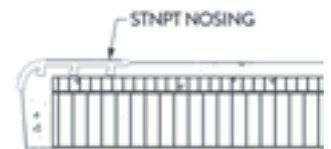
### **NRTS9203**

Safe-T-Nose embedded 1” photoluminescent strip



### **NRTSTNPT**

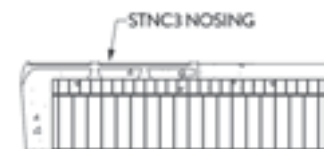
Safe-T-Nose embedded 1 1/2” aluminum nosing with 1” Photo-Glo photoluminescent strip



### **NRTSTNC3**

Safe-T-Nose embedded 3” anodized aluminum nosing with 1” Photo-Glo photoluminescent strip and 1 1/2” black traction strip. **Options:**

- Clear anodized aluminum, black or safety yellow powder coated aluminum
- 1 1/2” black or yellow traction, or ribbed traction strip



### **STNR**

Safe-T-Nose 2” surface mount photoluminescent nosing option for post RHINO TRED® installation.



**ALL TREADS ARE CUT TO EXACT LENGTH TO ENSURE A PERFECT FIT AND CLEAN LINES.**





**TRADITIONAL  
TREAD POUR**

**34LB TREADS ARE FAST  
AND EASY TO INSTALL**

**NRT**  
**NATIONAL**  
**REDI-TREAD™**

**1005 COMMERCE CT.,  
SILVERTON, OR 97381  
503-362-5068  
SALES@NATIONALREDITREAD.COM  
NATIONALREDITREAD.COM**

National Redi-Tread's patented **RHINO TRED®** high performance treads are installed near the end of construction, just prior to occupancy. Turn-over a "new" building.

- Full use of stairs, before installation of treads
- Eliminate concrete pour and clean-up costs
- Embedded sand and epoxy finish provides a superior "pool deck" slip resistant finish
- Lightweight honeycomb design – 70% lighter vs standard precast treads
- Lightweight honeycomb design - reduces CO2 emissions
- Manufactured for wood or steel stringers - full width sub-pan support needed



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