



# Rail Seat Rehabilitator (RSR) Concrete Rail Seat Repair Overview

## Description

RSR is a 100% solids tough and durable urethane material specially designed to repair and prolong the life of concrete rail seats. The RSR material has excellent abrasion resistance, concrete adhesion, and can be easily applied in the field without cutting the rail.



## WHERE TO USE

Concrete rail seats

## FEATURES AND BENEFITS

- » Easy-to-apply, 1:1 volume ratio
- » Quick cure times
- » Extends the life of the tie
- » Restores and maintains toe load
- » Meter dispensed

## PACKAGING

- » 600 ml cartridges to 1500ml cartridges
- » Bulk meter dispensed

## COLORS

voestalpine nortrak blue

## SHELF LIFE

1 year when properly stored

## STORAGE

Store and ship this product in clean, dry, low-humidity, and shaded or covered environments between 50 - 90°F (10-32°C)

Thank you very much for your interest. Please visit our web site or contact a Nortrak sales professional if you have any questions or if you need assistance.

RSR Overview  
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**voestalpine Railway Systems Nortrak**  
[www.voestalpine.com/nortrak](http://www.voestalpine.com/nortrak)

## TECHNICAL CHARACTERISTICS

|   | Result                      | ASTM                   |
|---|-----------------------------|------------------------|
| <b>Solids Content</b>   | 100% SCAQMD compliant       | -                      |
| <b>Hardness</b>   | 80-82 Shore D               | C661                   |
| <b>Ultimate Elongation</b>                                      | 7-10%                       | D412                   |
| <b>Tensile Strength</b>   | ≥5,000 psi                  | D412                   |
| <b>Gel time at 70°F</b>   | 20-25 seconds               | C881, gardco gel timer |
| <b>Viscosity at 25° (S#4 @50rpm) resin, iso, cP</b>             | 1350, 1500                  | D4878                  |
| <b>Concrete Adhesion</b>  | ≥200 psi; substrate failure | D7234                  |
| <b>Abrasion Resistance, mg loss per 1000 cycles, H-18 wheel</b> | 90-150                      | D4060                  |
| <b>Mix Ratio by Volume</b>                                      | 1:1                         | -                      |
| <b>Recommended Application Temp. Range</b>                      | 40 to 110°F                 | -                      |
| <b>Recommended Service Temp. Range</b>                          | -40 to 150°F                | -                      |
| <b>Application Conditions</b>                                   | SSD (Surface Saturated Dry) | -                      |

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ONE STEP AHEAD.