

3875 Embassy Parkway
Fairlawn, OH 44133
FAX: 330-668-7705
330-668-7600

SPECIFICATION DATA

KOROSEAL® TRANSIT PRODUCTS ONE-PIECE FLOOR

1) PRODUCT NAME:

Koroseal One-Piece Transit Floor

2) MANUFACTURER:

**RJF INTERNATIONAL CORPORATION
Transit Products Division
3875 Embassy Parkway
Fairlawn, OH 44333**

**800-938-2858
330-668-7687
330-668-7705 FAX**

3) PRODUCT DESCRIPTION:

Koroseal One-Piece Transit Floor is a flooring system designed to eliminate aisle trim for improved maintenance and flooring appearance, and provide a water resistant barrier for the protection of transit vehicle sub-floor and supporting structures. The Koroseal One-Piece Transit Floor is a homogeneous fused construction providing unlimited design and layout flexibility.

Koroseal One-Piece Transit Floor provides the following features:

- Easy to install**
- Highly resistant to wear from foot traffic**
- Sound absorbing**
- Thermally insulative**
- Provides a water-proof protective barrier**
- Enhances the simplicity and beauty of vehicle interior**
- Perfect for wheel chair applications**

- **Composition/Materials:**

Koroseal One-Piece Transit Floors are manufactured from proprietary thermoplastic formulations (Koroseal) designed to provide reliable and trouble-free service. Ingredients are chosen for their stability and service when confronted with most physical factors, such as heat, cold, moisture, and abrasion. The materials are homogeneous throughout the full thickness of the floor.

- **Size Availability:**

Koroseal One-Piece Transit Floors are available in virtually any size and configuration required by the installation, including offset seating and full rib configurations.

- **Thickness:**

Koroseal One-Piece Transit Floor measures 1/8” thick nominally on smooth materials, and 3/16” thick nominally on ribbed materials.

- **Colors:**

Koroseal One-Piece Transit Floor is available in five stock colors.

4) TECHNICAL DATA:

Koroseal One-Piece Transit Floors can be installed over metal or plywood substrates.

Physical Properties (Typical)

<u>Property</u>	<u>Test Method</u>	<u>Result</u>
Tensile Strength	ASTM D-412	80 pounds per lineal inch
Ultimate	ASTM D-412	40%
Elongation		
Slip Resistance	ASTM D-1894	.85
UV Exposure	CEMS GT-31 Method E	No Change
Fire Retardant	FMVSS-302 Paragraph S4. 3(b)	Self extinguishing with burn rate less than .1 mm

5) INSTALLATION:

- **Preparatory Work – Plywood panels must be firmly attached to the sub-floor. Plywood panels shall be clean, dry and free of all dirt and foreign materials. Surface must be smooth, within a panel and at joints between panels.**

Metal substrates shall be clean, dry and free of all grease, dirt and foreign materials. Surface must be smooth, within a panel and at joints between panels.

- **Adhesives:**

Plywood: The floor covering shall be bonded to the plywood sub-floor using a white water-borne acrylic emulsion adhesive. The adhesive shall be applied to the entire plywood sub-floor. The installed flooring shall be rolled to ensure intimate contact between the adhesive and the flooring material over the entire surface area.

- **Metal:** The floor covering shall be bonded to the metal sub-floor using either a nitrile based contact adhesive or a two-part epoxy type adhesive. The adhesive shall be applied to the entire metal sub-floor. The installed flooring shall be rolled to ensure intimate contact between the adhesive and the flooring material over the entire surface area.

6) MAINTENANCE:

Unless physical damage occurs, little or no maintenance is expected except for normal janitorial cleaning. Crystal Simple Green or the usual aqueous detergents may be used for stubborn oil or grease spots. If damage or excessive wear should occur, simple repairs can be made.

7) TECHNICAL SERVICES:

Further information on detail, design, application, deviations, or further technical assistance of any kind may be obtained from:

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Specification subject to change without notice.