

ElastiSeal® 5000 Series

Color Coordinated FloorSeal® for Rubber Flooring

Description

The **ElastiSeal® 5000 Series** of thermoplastic rubber sealants were designed to seal the seams on the floors of transit busses, intercity coaches and passenger rail cars. These sealants are formulated to coordinate with the flooring color. The last three digits of the formula code correspond with The RCA Rubber Company TRANSIT-FLOOR color number.

The **ElastiSeal® 5000 Series** of FloorSeal® bond to stainless steel, aluminum, fiberglass, and plywood as well as to the rubber flooring. Once dried, these materials provide a tough waterproof seal that will withstand water, salt and cleaning chemicals and protect the floorboards for years of service.

Basic Use

Typical uses of **ElastiSeal® 5000 Series** FloorSeal® sealants are:

- Seams between the rubber flooring and chair rail
- Sealing the edges of steps
- Sealing along the flooring at the interior bus wall

Packaging

ElastiSeal® 5000 Series sealants are normally supplied in cartridges. They also may be ordered in one and five gallon cans and drums. Contact your Royal representative.

Technical Data		
Property	Typical Value	Test Method
Color	To coordinate with flooring	Visual
Specific Gravity	1.11 - 1.18	ASTM D1475
Sag Resistance	No sag with 0.625" bead	
Solids by weight	69% - 73%	ASTM C681
Flash Point (Seta Flash CC)	4°C to 10°C (40°F to 50°F)	ASTM D3278
Dry Time @20°C (68°F), 50%RH	45 minutes set to touch 48 hours through dry	ASTM D1640 0.125" bead
NOTE: The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not to be interpreted as manufacturing specifications.		

Clean Up

Remove excess material and clean residue, tools and equipment with toluene or xylene.

Storage and Shelf Life

Store material in original unopened container between 4°C and 32°C (40°F and 90°F). Shelf life is 12 months minimum when stored as recommended.

Health and Safety

Prior to working with this or any product consult product label and Safety Data Sheet (SDS) for necessary health and safety precautions.

**THE FOLLOWING TESTS WERE PERFORMED
AFTER DRYING 21 DAYS @ 20°C (68°F); 50% RH**

Property	Typical Value	Test Method
Shore A Hardness	70 - 80	ASTM D2240
Shear Adhesion	3100kPa (450psi)	ASTM D1002
Tensile Strength	9700kPa (1400psi)	ASTM D4112, Die C
Elongation	1000%	ASTM D412, Die C
Low Temperature Flexibility -29°C (-20°F)	No cracking No loss of adhesion	ASTM C711
Heat Resistance 7 days @ 70°C (158°F)	No Discoloration No loss of adhesion	ASTM C792
Humidity Resistance 250 hours @ 38°C (100°F) 100% RH	No corrosion No loss of adhesion	ASTM C792
Salt Spray Resistance	No corrosion No loss of adhesion	ASTM B117; 500 hours
Flammability	Pass	MVSS 302

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WARRANTY: Royal warrants its products to conform to Royal's specifications at the time of sale when tested according to Royal standards. If a product is proven to be defective when tested according to Royal standards, Royal will, at its option, refund the purchase price or replace or repair the defective product. THIS LIMITED WARRANTY IS THE BUYERS SOLE AND EXCLUSIVE REMEDY AGAINST ROYAL AND IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In no event shall Royal be liable for any special, incidental, consequential, or punitive damages arising out of any claims whether based on negligence, contract, warranty, strict liability or otherwise.