

Railway Vehicle Related Products



For Exterior


Railways are an essential part of life in modern times. Therefore, railway vehicle are equipped with various technologies and facilities for safer and more comfortable operation. At ThreeBond, we offer a wide range of products that configure and maintain these technologies and equipment.

For Exterior

For Exterior


Front

- Wiper screw clamps
ThreeBond 1300 Series
ThreeBond 1400 Series
- Anti-stain and water-resistant coatings for glass
ThreeBond 2907 Series
- Sealing for water and dust
ThreeBond 1200 Series
ThreeBond 5200 Series



Body

- Roof anti-corrosion
ThreeBond 6100 Series
- Roof repair
ThreeBond 2080 Series



Mechanical and electrical parts


- Sealing for water, dust and oil
ThreeBond 1100 Series
ThreeBond 1200 Series






Underfloor

- Anti-corrosion for the underfloor
ThreeBond 6100 Series
- Anti-stain and water-resistant coating for under/side body
ThreeBond 2907 Series



Maintenance

- Screw locking adhesive for maintenance
ThreeBond 1300 Series
ThreeBond 1400 Series
- Mechanical part repair
ThreeBond 2080 Series
- Gasket and coating removal
ThreeBond 3911D
- Lubricant and cleaning agents for moving parts
ThreeBond 1807B



Front

ThreeBond 1300, 1400 Series
Anaerobic adhesive and
Screw-locking agent

ThreeBond 1400 Series
Product Introduction Video



Adhesive for fastening various screw parts. Can also be used to set wiper parts in place.

ThreeBond 2907 Series
Coating agent

ThreeBond 2907 Series
Product Introduction Video



Coating agent for preventing stain and maintaining the appearance of the front of the train. This simplifies the cleaning process.

ThreeBond 1200, 5200 Series
Liquid gasket, silicone sealant

Used for to prevent rainwater leakage as well as a variety of sealing and caulking applications.


Underfloor

ThreeBond 6100 Series
Chassis coating agent

Coating agent for anti-corrosion measures. Aerosols, water-based types and other environmentally friendly products are available.

ThreeBond 2907 Series
Coating agent

ThreeBond 2907 Series
Product Introduction Video



Ideal for both rust prevention and well as maintaining appearance. Soot stains can be easily removed by applying.

Body

ThreeBond 6100 Series
Chassis coating agent

Anti-rust coating for rust-proofing and anti-corrosion. Used for roofs and various applications that require rust prevention.

ThreeBond 2907 Series
Coating agent

ThreeBond 2907 Series
Product Introduction Video



Ideal for both rust prevention and well as maintaining appearance. Cleaning costs can be reduced by applying this agent.

Maintenance

ThreeBond 3911D
Gasket remover

ThreeBond 3911D
How-To Video



Suitable for removing stubborn dirt such as gaskets and paint. Environmentally friendly, chlorine-free product.

ThreeBond 1807B
High performance,
penetrating Anti-rust lubricant

ThreeBond 1807B
Product Introduction Video



Anti-rust lubricant that inject as a foam. Easily penetrates threaded area and is excellent for vertical installation.

ThreeBond 6651F
Non-combustive
brake parts cleaner

ThreeBond 6651F
Product Introduction Video



Cleaning agent has no flash point and does not fall under the category of dangerous goods as defined by the Fire Service Act of Japan. Excellent performance for all kinds of cleaning applications. Rechargeable system for repeated use is also available.

For Interior

Since millions of people use the railway every day, the latest technology is used in the interior of the railway vehicle to ensure passengers spend their time on trains in comfort. We participate in these efforts to create a more comfortable environment with our adhesives, sealants and coating agents.

For Interior

For Interior

Doors

- Sealing for window and door panel
ThreeBond 5200 Series
- Lubricant and cleaning agents for moving parts
ThreeBond 1807B



Air conditioner

- Sealing for AC boxes, etc.
ThreeBond 1100 Series
ThreeBond 1200 Series
ThreeBond 5200 Series
- Deodorant for AC ducts
ThreeBond 6730 Series
- Pipe sealant
ThreeBond 1200 Series
ThreeBond 4002



Doors

ThreeBond 5200 Series
Silicone sealant

Excellent for rainwater leakage prevention and caulking of doors and window frames. Anti-mold type and the various types of color are available.

ThreeBond 1807B
High performance,
penetrating anti-rust lubricant

ThreeBond 1807B
Product Introduction Video



For use with sliding, opening and other parts that require lubrications. Usable on vertical surfaces because it injects as a foam for very little dripping.

Air conditioner

ThreeBond 6730 Series
Deodorant

For deodorizing places where odor is problematic. Can be used for a wide range of applications, and is particularly useful for air conditioners, ducts, seats and fabric. Silver-deposited and visible light reaction types are available.

Seats

ThreeBond 2907E
Coating agent

Excellent for antifouling of sheets and carpets. Applications facilitates the equipment appearance maintenance. This product has been approved by rail vehicle flame retardant test.

ThreeBond 2907E
Product Introduction Video



ThreeBond 2907E
How-To Video



Interior parts

ThreeBond 1300, 1400 Series
Anaerobic adhesive and
sealant/Screw-locking agent

ThreeBond 1400 Series
Product Introduction Video



Adhesive for fastening grips and door hinges.

ThreeBond 2360, 2400 Series
ThreeLock, Precoated bolts and
MEC processing

Pre-coated Bolt
Product Introduction Video



This product is pre-processed with nylon and adhesive components on the threading. Boasts excellent workability by eliminated to apply adhesive on site.

ThreeBond 2000, 2100 Series
Two-component
epoxy-compound resin

Non-flammable
Epoxy Resin
Introduction Video



Excellent adhesive strength, suitable for floor repair. A wide range of products are available such as quick-curing type and non-flammable type.

Seats

- Anti-stain coating
ThreeBond 2907 Series
- Seat fabric and mat deodorant
ThreeBond 6720 Series



Interior parts

- Screw fixing agent for grips and door hinges
ThreeBond 1300 Series
ThreeBond 1400 Series
ThreeBond 2360 Series
ThreeBond 2400 Series
- Floor repair
ThreeBond 2000, 2100 Series



List of Train Related Products

Product	Type	Color	Viscosity	Features	Main applications	※					
						Exte- rior	Inter- rior	Electro- nic equip- ment	Under- floor	Track main- tenance parts	Mainte- nance
ThreeBond 1101	Liquid gasket	Reddish brown	850Pa·s	Non-drying solvent-free, excellent characteristics for sea water	Switchboard rainwater leakage prevention sealing Water, dust and oil sealing	○	○	○			○
ThreeBond 1103B	Liquid gasket	Black	3.4Pa·s	Non-drying, usable on carburetors	Various pipe sealing Water, dust and oil sealing	○	○	○			○
ThreeBond 1184	Liquid gasket	Gray	9.5Pa·s	Superior acid and alkali resistance	Air pipe sealing Water, dust and oil sealing	○	○	○			○
ThreeBond 1207B	Liquid gasket	Black	250mPa·s	Fast-curing, cooling liquid resistance	Air conditioner frame sealing Water, dust and oil sealing	○	○	○			○
ThreeBond 1207F	Liquid gasket	Silver	180Pa·s	Fast-curing, superior initial pressure resistance	Gearbox sealing Water, dust and oil sealing	○			○		○
ThreeBond 1215	Liquid gasket	Gray	75Pa·s	General type, chemical resistance	Gearbox sealing Bearing sealing Air conditioner repair and maintenance	○	○	○			○
ThreeBond 1216	Liquid gasket	Gray	120Pa·s	Multi-grade, superior initial pressure resistance	Waterproof sealing for wiring	○	○	○			
ThreeBond 1305N	Anaerobic adhesives and sealants	Green	650mPa·s	High strength, fast-curing	Trolley bolt fixing Screw fixing for grips and door hinges Handrail screw fixing	○	○		○		○
ThreeBond 1360	Anaerobic adhesives and sealants	Red	1000mPa·s	Medium strength, high heat resistance (-40°C to 200°C)	Various screw fixing	○	○		○		○
ThreeBond 1360F	Anaerobic adhesives and sealants	Blue	500mPa·s	High strength, fast-curing, high heat resistance (-40°C to 200°C)	Handrail screw fixing	○	○		○		○
ThreeBond 1401	Agents for preventing screw loosening, leaks and rust	Light yellow	445mPa·s	For general screws, plastic screw compatible products also available	Wiper screw fixing Screw fixing for grips and door hinges Luggage rack screw locking	○	○		○		○
ThreeBond 1521	Volatile solvent type adhesive	Transparent light brown	3200mPa·s	High initial adhesive strength	Floor sheet bonding		○				○
ThreeBond 1530B	Single component moisture-curing elastic adhesive	Black	110Pa·s	High thixotropy type, sag resistance	Bonding of rubber connectors		○			○	○
ThreeBond 1530P	Single component moisture-curing elastic adhesive	Black	6.0Pa·s	DBT-free, ultra-low viscosity elastic adhesive	Sleeper crack repair					○	○
ThreeBond 1537	Single component moisture-curing elastic adhesive	White	55Pa·s	UL94 V-0 flame-retardant standard compliant	Junction box sealing		○	○			○
ThreeBond 1538B	Single component moisture-curing elastic adhesive	Black	80Pa·s	UL QOQW2 flame-retardant standard compliant	Air duct repair		○	○			○
ThreeBond 1801B	Anti-rust lubricant	Brown	3.8mPa·s	Loose screws, rust removal, excellent permeability	Lubrication of various sliding parts, trolleys and boxes	○	○	○	○		○
ThreeBond 1802B	Anti-rust lubricant	Brown	3.8mPa·s	Loose screws, rust removal, excellent permeability	Screw loosening for maintenance	○	○	○	○		○
ThreeBond 1807B	Anti-rust lubricant	Light yellow	10mPa·s	Screw loosening, excellent permeability, foam-retaining type	Lubrication of various sliding parts, trolleys and boxes Lubricant for moving parts	○	○	○	○		○
ThreeBond 1815D	Anti-rust lubricant	Yellowish brown	-	Grease type, high water and load resistance	Lubrication of various sliding parts, trolleys and boxes	○	○	○	○		○
ThreeBond 1856	Silicone grease type	Beige	Paste	Silicone grease aerosol	Rotating seat lubrication	○	○	○	○		○
ThreeBond 1901	Molybdenum anti-seizing lubricants	Black	-	High lubrication, high heat resistance (heat resistance 400°C, anti-seizing 800°C)	Bolt galling prevention	○			○	○	
ThreeBond 2008 ThreeBond 2108B	Epoxy resin adhesive	Light yellow and light yellow curing agent	2,400mPa·s 82mPa·s curing agent	Epoxy resin for floors	Floor materials		○				○
ThreeBond 2008C ThreeBond 2108C	Epoxy resin adhesive	Light yellow and light yellow curing agent	3Pa·s 300mPa·s curing agent	Epoxy resin for floors	Floor materials		○				○
ThreeBond 2045 ThreeBond 2145	Epoxy resin adhesive	Black Orange curing agent	180Pa·s 1.6Pa·s curing agent	UL94 V-0 flame-retardant standard compliant F☆☆☆☆ formaldehyde emissions standard compliant	Flooring, general repair		○				○
ThreeBond 2086M	Epoxy resin adhesive	Light yellow	13.0Pa·s 10.0Pa·s curing agent	Fast-curing epoxy resin	Armrest and sleeper crack repair Mechanical part repair		○			○	

*Exterior (body, front) / interior (window frames, ducts, air conditioners, fabrics, floors) / electronic equipment / underfloor (under gearboxes, trolleys, etc.) / track maintenance parts (rails, heaters, sleepers, etc.) / maintenance (repair, cleaning)

Product	Type	Color	Viscosity	Features	Main applications	※					
						Exte- rior	Inter- rior	Electro- nic equip- ment	Under- floor	Track main- tenance parts	Mainte- nance
ThreeBond 2086N	Epoxy resin adhesive	Gray	110Pa·s 50Pa·s curing agent	Low temperature curing, high adhesive strength	Gearbox repair Mechanical part repair				○	○	○
ThreeBond 2365C	ThreeLock processing	Red	-	Resin for threaded nylon processing (can be used repeatedly)	Screw fixing for grips and door hinges		○				
ThreeBond 2706	Cleaners	Colorless	-	Can be used for cleaning parts, rubber and plastic	Cleaning various parts						○
ThreeBond 2706E	Cleaners	Colorless	-	Parts cleaning, fast-curing	Cleaning various parts						○
ThreeBond 2907D	Single-component water-resistant coating agent	Colorless	1.5mPa·s	Coating agent excellent for anti-staining and maintenance of appearance that cures at room temperature	Anti-stain coating for general vehicle exteriors, glass and under/side body	○			○		○
ThreeBond 2907E	Multi-coating aerosol	Colorless	-	Fabric, wood and leather coating	Anti-stain coating for train seats		○				○
ThreeBond 3911D	Gasket remover	Colorless	-	Gasket remover, chlorine-free aerosol	Gasket and coating removal	○	○	○	○		○
ThreeBond 4002	Pipe sealant	Gray	4.5Pa·s	General pipe sealing	Various pipe sealing Pipe sealant	○	○	○	○		○
ThreeBond 5211	Silicone sealant	White	500Pa·s	Silicone sealant (usable in environments between -60°C to 200°C)	Door panel and window frame coating AC box sealing	○	○		○		○
ThreeBond 5211B	Silicone sealant	Black	500Pa·s	Silicone sealant (usable in environments between -60°C to 200°C)	Door panel and window frame coating AC box sealing	○	○		○		○
ThreeBond 5211C	Silicone sealant	Transparent	500Pa·s	Silicone sealant (usable in environments between -60°C to 200°C)	Waterproof seal for air conditioning boxes	○	○		○		○
ThreeBond 6102	Chassis coating agent	Black	74mPa·s	Water-based aerosol (excellent workability)	Anti-rust and coating for connectors	○				○	○
ThreeBond 6107G	Chassis coating agent	Black	1900mPa·s	Oil-based aerosol, thick film type, excellent chipping resistance	Plate protection for the area around heaters	○				○	○
ThreeBond 6154D	Chassis coating agent	Black	2300mPa·s	Oil-based thick wax	Electric corrosion prevention	○		○		○	○
ThreeBond 6156K	Chassis coating agent	Black	-	Water-based coating	Anti-rust and coating for connectors	○		○		○	○
ThreeBond 6161	Chassis coating agent	Black	200mPa·s	Water-based coating	Anti-rust and coating for trolleys	○		○		○	○
ThreeBond 6165C	Chassis coating agent	Gray	500mPa·s	Water-based coating	Anti-rust and coating for trolleys	○		○		○	○
ThreeBond 6165F	Chassis coating agent	Gray	250mPa·s	Water-based coating	Anti-rust and coating for connectors	○		○		○	○
ThreeBond 6553	Inactivator		-	Forms a base for rust prevention and coating	Electric corrosion prevention	○		○		○	○
ThreeBond 6602L	Cleaners	Colorless	-	Dryability (210 sec.), slow-drying	Cleaning various parts	○	○		○	○	○
ThreeBond 6602S	Cleaners	Colorless	-	Dryability (30 sec.), fast-drying	Cleaning various parts	○	○		○	○	○
ThreeBond 6609	Scale remover	Colorless	-	Scale removal	Scale removal for windows	○	○				○
ThreeBond 6651F	Non-combustive parts cleaner	Colorless	-	Non-combustive parts cleaner (Not regulated by the Fire Service Act of Japan)	General cleaning and maintenance	○	○	○	○		○
ThreeBond 6660	Gas leak testers (and detectors)	Colorless	-	Gas leak testers	Air leak detectors	○	○				○
ThreeBond 6722	Vehicle interior deodorant	-	-	Vehicle interior deodorant	Vehicle deodorizing Seat fabric and mat deodorizing		○				○
ThreeBond 6731	Silver-deposited titanium oxide photocatalytic spray	-	-	Silver-deposited titanium oxide photocatalytic spray	Deodorizing for AC pipe ducts, seats and floors (e.g., vomit clean-up)		○				○
ThreeBond 6735	Visible light reactive photocatalytic spray	-	-	Visible light reactive photocatalytic spray	Deodorizing for AC pipe ducts, seats and floors (e.g., vomit clean-up)		○				○
ThreeBond 6950B	Paper wiper roll for industrial use	-	-	Paper wiper for industrial use	Cleaning cloth	○	○				○
ThreeBond 7781	Instant adhesive	Light yellow	2mPa·s	Ultra-rapid curing	Temporary floor cover fixing		○				○
ThreeBond 7784	Instant adhesive	Light yellow	160mPa·s	Ultra-rapid curing	Floor sheet bonding (temporary)		○				○



Web Catalog



Products Video Gallery

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Creating Our Future From a Single Drop

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- With about 100 sales offices and manufacturing plants in Japan as well as 60 sales offices and manufacturing plants that are located outside of Japan, we have established a system to quickly meet the needs of our customers.

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