





Engineering Adhesives for Sports and Leisure Equipment

MANUFACTURING REQUIREMENTS

Bostik Born2Bond™ Engineering Adhesives enable manufacturers of sports and leisure equipment to design and produce durable, lightweight and high performance products that are easy to use, repair, maintain and recycle.

- Automation, in-line integration & high throughput
- Serviceability & repairability

- High precision, aesthetics & multi-substrates
- Sustainability & safety

SOLUTIONS FOR ALL SPORTS AND LEISURE APPLICATIONS



Composite parts bonding with Born2Bond™ XMA Structural, Bostik 2K-Epoxy, 2KPU

Helmet polystyrene and rubber bonding with Born2Bond™ Instant Adhesives







Sports eyewear parts bonding with Born2Bond™ Instant Adhesives Born2Bond™ UV-Acrylates

Display bonding with **Born2Bond**™ **HMPUR**, and serviceable gasketing with Born2Bond™ UV-CIPG





Connected electronics protection with Born2Bond™ Light Lock, **Bostik Thermelt HMPA**



Sports shoes bonding with Born2Bond™ Instant Adhesives, Bostik HMPUR, HMPSA, Webs

Fitness equipment parts bonding and assembly with Born2Bond™ Anaerobic Adhesives, UV-CIPG and Instant Adhesives



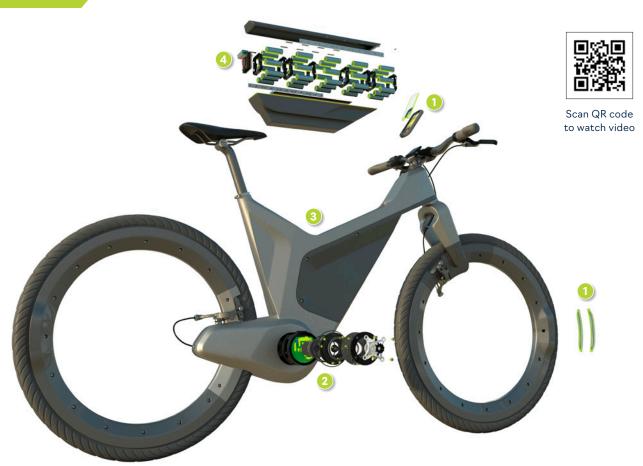
Bostik 2K-Epoxy, 2KPU



BORN2 BOND

Engineering Adhesives for Sports and Leisure Equipment

E-BIKE ASSEMBLY





ELECTRONICS AND CONNECTED DEVICES

SOLUTIONS:

Born2Bond™ HMPUR Adhesives Born2Bond™ UV-CIPG Gasketing BENEFITS:

Reliable bonding with HMPUR, serviceable gasketing with UV-CIPG



E-MOTORS

SOLUTIONS:

Born2Bond[™] Instant Adhesives Born2Bond[™] Anaerobic Adhesives

High precision, fast-curing solutions, low blooming, vibration resistance



STRUCTURAL PARTS BONDING

SOLUTIONS:

Born²Bond[™] XMA Bostik 2KPU Bostik SAF and FIT MMA

BENEFITS:

Structural bonding, durability



BATTERY SYSTEMS

SOLUTIONS:

Born2Bond™ XMA Structural
Born2Bond™ Light Lock HV/Gel
Born2Bond™ Anaerobic Adhesives
Born2Bond™ UV-CIPG Gasketing

Born2Bond™ HMPUR Adhesives

Bostik Butyl

Bostik Hot Melt Foam Gasket Bostik Sealant ISR Range

Bostik Structural 2KPU Bostik Assembly HMPSA

Bostik Thermelt[™] HMPA

BENEFITS:

Serviceable bonding, durability, reliable bonding with HMPUR, XMA Structural, UV-Instants, serviceable gasketing with UV-CIPG.

Durable and serviceable threadlocking of mechanical parts.

Reliable battery component assembly with SMP, 2KPU, Hotmelts, Anaerobics, serviceable gasketing with Butyls, BMS electronic components protection with HMPA low pressure molding, dual-cure instant adhesives.

Explore Bostik's full range of e-bike assembly and bonding solutions **Born2Bond**.Bostik.com/e-bike







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BORN2BOND™ SOLUTIONS

All **Born2Bond**[™] **Engineering Adhesives** are suitable for small production runs using manual application, as well as semi- or fully-automated production lines.

BORN2BOND™ INSTANT and UV-INSTANT ADHESIVES

- Low odor and low bloom solutions available for increased user comfort and uncompromised fine finishes
- Dual-cure adhesives feature 'cure-on-demand' properties for increased throughput and cure of excess material (patented **Light Lock** grades only')
- Fast bonding solutions available for enhanced reliability and durability
- Automatic, semi-automatic and manual highprecision dispensing options

BORN2BOND™ HHD HMPUR ADHESIVES and UV-CIPG GASKETING

- Multi-substrate adhesion
- High temperature, humidity and chemical resistance
- · Good balance between strength and elasticity
- Waterproofing and dustproofing for increased durability
- · Extremely flexible and durable
- Suitable for automated dispensing for high-precision applications

BORN2BOND™

ANAEROBIC ADHESIVES

- Vibration, corrosion and chemical resistance for increased reliability
- Reduced stock and inventory of fasteners
- 100% connection no loosening of screws
- High power transmission and resistance to dynamic loads
- Sustainable and more cost-effective solution to traditional mechanic fasteners
- Automatic, semi-automatic and manual high-precision dispensing options
- WL Range (non-CLP option) also available**

BOSTIK SAF and FIT STRUCTURAL MMA ADHESIVES

- Excellent environmental and chemical resistance
- Permanent toughness and high elongation
- Minimal surface preparation
- Wide range of open and curing times
- Wide service temperature range
- Maintains shape through vertical and overhead non-sag application properties



HIGH PERFORMANCE POLYMERS

ARKEMA

Beyond Bostik's portfolio as the adhesive solutions division, Arkema also offers pioneering and sustainable high performance polymers to customers from a broad range of markets. Bio-based and recyclable **Rilsan® Polyamide 11** and **Pebax® Rnew® Elastomers** are all chosen by manufacturers for their lightweight, high energy return, flexibility or high rigidity when required, cold temperature performance, overall durability as well as easy processibility – making them ideal for sports and leisure applications.

For more information and to order free **Born2Bond**[™] samples, please visit: **Born2Bond**.Bostik.com

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