

Bostik Born2Bond 2-Component Instant Adhesives

Bostik Born2Bond™ Flex

Born2Bond™ Flex is a patent-pending, flexible, elastic and low-odor instant adhesive with exceptional adhesion to a very broad range of materials and surfaces. It becomes a polymer (hardens) with more than 200% elongation with a working time (in mixer) of up to six minutes. It can be used for high-volumetric gap filling, achieving instant adhesion to most plastics, woods and metals as well as to porous and irregular surfaces.

Features:

Fixture time in 60 seconds*, Hardens in 5-10 minutes*, Elongation > 200%, Absorbs impacts and vibrations, High peel strength, Bonds a large range of materials** including glass, Transparent, low odor, low blooming, Gel consistency for precise application, Non-sagging for vertical applications. Full strength of the bond approx. 24 hours.

Typical applications:

Leather bonding for luxury clothing, Sealing repair, Elastic seam and joint sealing, Flooring and panel bonding, Vibration dampening, Glass to rubber bonding.

Base: Methoxyethyl Cyanoacrylate. Open time: 6-10 minutes, Fixture time*: 60 seconds.

Bond strength: Grit-Blasted Mild Steel - 10 MPa. Appearance: Transparent.

Temperature range: -40°C to 60°C. Gap filling capability 1 cm.

* = Depending on gaps and substrates. ** = Except polyolefins (such as Polyethylene, Polypropylene).

Always use safety glasses and gloves when applying adhesives.

The 10 gr. syringes are designed for manual dispensing, the 50 gr. intended for use with dispensing gun.



Article No.	Description	Contents	Packed
705000	Born2Bond Flex Syringe + 5 mixers	10 gr	1 pcs
705001	Born2Bond Flex Syringe + 5 mixers	50 gr	1 pcs
705020	Dispensing gun for 50 gr Syringe	-	1 pcs

Bostik Born2Bond™ Repair

Born2Bond™ Repair is a patented†, gap-filling, instant adhesive and repair product with excellent adhesion to a very broad range of materials and surfaces. Repair is ideal for instant bonding and repairing, because it combines the strength of a structural adhesive with the speed of an instant adhesive. A tough polymer is achieved within a hardening time of under 10 minutes, and the gel consistency enables application in any orientation.

Features:

Fixture time in 60 seconds*, Hardens in 5-10 minutes*, Instant adhesion with high bonding strength, Low volume shrinkage: 4.3%, Fills gaps of large volumes, Bonds a large range of materials**, Machinable, sandable and paintable once hardened, Impact resistant, Gel consistency for precise application, Non-sagging for vertical applications.

Typical applications:

Automotive aftermarket applications, Wood repair and reconstruction, Rubber joint bonding, Automotive joint bonding, Plastic defect repairing.

Base: Ethyl Cyanoacrylate. Open time: 4-10 minutes, Fixture time*: 15-20 seconds.

Bond strength: Grit-Blasted Mild Steel - 14 MPa. Appearance: Whitish.

Temperature range: -40°C to 80°C. Gap filling capability Centimeters/inches.

* = Depending on gaps and substrates. ** = Except polyolefins (such as Polyethylene, Polypropylene).

Always use safety glasses and gloves when applying adhesives.

The 10 gr. syringes are designed for manual dispensing, the 50 gr. intended for use with dispensing gun.



Article No.	Description	Contents	Packed
705003	Born2Bond Repair Syringe + 5 mixers	10 gr	1 pcs
705004	Born2Bond Repair Syringe + 5 mixers	50 gr	1 pcs
705020	Dispensing gun for 50 gr Syringe	-	1 pcs

Bostik Born2Bond™ Structural

Born2Bond™ Structural is a patent-pending, high-strength hybrid adhesive that provides a fast fixture time at room temperature while maintaining good processability and bond gaps up to 5mm. This product offers excellent bonding characteristics to a large variety of closed substrates, such as aluminum, steel, plastics and elastomers as well as porous substrates, such as woods, chipboard and leather. Born2Bond™ Structural is formulated for applications that require mechanical and in-use environmental resistance.

Features:

Fixture time in 30 seconds*, High adhesion strength: > 6 MPa after 5 minutes, Open time of 25 minutes, Fills gaps up to 5mm, Excellent adhesion to many different substrates**, Transparent when cured, Temperature and humidity resistance, Gel consistency for precise application.

Typical applications:

Structural bonding, Magnet bonding, Plastic to metal bonding, Bonding glass to leather.

Base: Hybrid CA & Acrylate. Open time: 25 minutes, Fixture time*: 30-90 seconds.

Bond strength: Grit-Blasted Mild Steel - 14 MPa. Appearance: Transparent.

Temperature range: -40°C to 120°C. Gap filling capability 5 mm.

* = Depending on gaps and substrates. ** = Except polyolefins (such as Polyethylene, Polypropylene).

Always use safety glasses and gloves when applying adhesives.

The 10 gr. syringes are designed for manual dispensing, the 50 gr. intended for use with dispensing gun.



Article No.	Description	Contents	Packed
705005	Born2Bond Flex Structural + 5 mixers	10 gr	1 pcs
705006	Born2Bond Flex Structural + 5 mixers	50 gr	1 pcs
705020	Dispensing gun for 50 gr Syringe	-	1 pcs

Static Mixer

Extra static mixer nozzles needed no problem they can be ordered per bag of 10 pcs.

Article No.	Description	Contents	Packed
705021	Born2Bond bag of 10 gr static mixers	10 pcs	1 bag
705022	Born2Bond bag of 50 gr static mixers	10 pcs	1 bag



Extra Information

For all products manufacturer product data sheets are available. Contact our product specialists for more information.