

Bostik Born2Bond 1-Component Instant Adhesives

Bostik Born2Bond™ Ultra

The fastest-bonding MECA-based products in the world.

Born2Bond™ Ultra adhesives are low-odor, low-blooming, instant adhesives with a range of viscosities, specially designed for bonding most substrates including plastics, rubbers and metals. The formulation consistency has been designed for high bond strength, even in places that are subject to flexing. Careful selection of the formulation ingredients ensures that the product does not leave a white stain (blooming).

Features:

Fixture time: 10 seconds*, High bonding strength, Long open time, Low odor, low blooming, Less brittle than conventional instant adhesives, Bonds a large range of materials** including polystyrene, Transparent and easy to use.

Typical applications:

Leather and rubber bonding, Shoe assembly, Automotive aftermarket applications, Speaker assembly, Plastic assembly.

* = Depending on gaps and substrates. ** = Except polyolefins (such as Polyethylene, Polypropylene). Always use safety glasses and gloves when applying adhesives.

Bostik Born2Bond™ Ultra LV

Born2Bond ULTRA LV

Base Methoxyethyl Cyanoacrylate.

Viscosity (cP) 20 to 50 cP

Fixture time* 5 to 10 seconds

Bond strength Grit-Blasted Mild steel 20 MPA

Appearance Transparent

Temperature range -40°C to 80°C

Bostik Born2Bond™ Ultra MV

Born2Bond ULTRA MV

Base Methoxyethyl Cyanoacrylate.

Viscosity (cP) 120 to 170 cP

Fixture time* 10 seconds

Bond strength Grit-Blasted Mild steel 21 MPA

Appearance Transparent

Temperature range -40°C to 80°C

Bostik Born2Bond™ Ultra HV

Born2Bond ULTRA HV

Base Methoxyethyl Cyanoacrylate.

Viscosity (cP) 700 to 1000 cP

Fixture time* 15 seconds

Bond strength Grit-Blasted Mild steel 20 MPA

Appearance Transparent

Temperature range -40°C to 80°C



Article No.	Description	Contents	Packed
705040	Born2Bond Instant adhesive Ultra LV bottle	20 gr	1 pcs
705044	Born2Bond Instant adhesive Ultra MV bottle	20 gr	1 pcs
705048	Born2Bond Instant adhesive Ultra HV bottle	20 gr	1 pcs



Bostik Born2Bond™ Ultra Gel

The fastest-bonding MECA-based products in the world.

Born2Bond™ Ultra Gel is a low-odor, low-blooming, instant adhesive specially designed for bonding most substrates including plastics, rubbers and metals. The formulation consistency has been designed for high bond strength, even in places that are subject to flexing. The gel consistency allows application in any orientation. Careful selection of the formulation ingredients ensures that the product does not leave a white stain (blooming).

Features:

Fixture time: 5 seconds*, High bonding strength, Long open time, Low odor, low blooming, Peel resistance, Bonds a large range of materials** including polystyrene, Gel consistency for precise application.

Typical applications:

Leather and rubber bonding, Shoe assembly, Automotive aftermarket applications, Sporting equipment, Toy assembly, Bonding glass to metal for jewelry.

* = Depending on gaps and substrates. ** = Except polyolefins (such as Polyethylene, Polypropylene). Always use safety glasses and gloves when applying adhesives.

Bostik Born2Bond™ Ultra Gel

Born2Bond ULTRA LV

Base Methoxyethyl Cyanoacrylate.

Viscosity (cP) 105,000 to 120,000 cP

Fixture time* 5 seconds

Bond strength Grit-Blasted Mild steel 13 MPA

Appearance Transparent

Temperature range -40°C to 80°C



Article No.	Description	Contents	Packed
705050	Born2Bond instant adhesive Ultra Gel tube	20 gr	1 pcs

Bostik Born2Bond™ Aquafast

Moisture and water immersion resistant adhesive

Born2Bond™ Aquafast is a low-medium viscosity instant adhesive which provides excellent adhesion performance even in high humidity environments. The product has good bonding properties to a very broad range of materials such as metals (including aluminum), plastics, rubbers, and can withstand water immersion once bonded.

Features:

Fixture time: 15 seconds*, High resistance to moisture, Service temperature: -40°C up to 120°C, Excellent adhesion to metals, Exceptional resistance to most solvents and oils, Bonds a large range of materials**, Transparent and easy to use, Good aging under water at 60°C.

Typical applications:

Electronics and appliances, Outdoor lighting, Power tools, Sanitary & kitchen equipment, Outdoor sports, camping, lighting and pool equipment, Interior and exterior automotive aftermarket applications.

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

Always use safety glasses and gloves when applying adhesives.

Full strength after 24 to 72 hours depending on bond gap, materials and ambient conditions.

Bostik Born2Bond™ Aquafast

Born2Bond Aquafast

Base Ethyl Cyanoacrylate.

Viscosity (cP) 90 to 150 cP

Fixture time* 10 to 80 seconds

Bond strength Grit-Blasted Mild steel 13 MPA

Appearance Transparent

Temperature range -40°C to 120°C



Article No.	Description	Contents	Packed
705055	Born2Bond Instant adhesive Aquafast	20 gr	1 pcs

Extra Information

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

Bostik Born2Bond Light Curing Instant Adhesives

Bostik Born2Bond™ Light Lock

Unique dual cure UV/CA with low odor and low blooming

Born2Bond™ Light Lock MV, HV, Gel and 30X are patented, low-odor, low-blooming, dual-curing (contact and light curing) cyanoacrylate adhesives. They are designed for bonding applications that require fast fixturing, coating or surface cure. The UV and visible-light cure sensitivity allow rapid bonding through transparent parts and quick curing of light-exposed bulk or surface-coated areas. Further, the product's instant bonding capability ensures cure between opaque substrates (contact cure).

Features:

Dual cure formulation: instant and photo-cure, Fixture time of 60 seconds without light exposure, and 5 seconds with light curing*, Can be cured with visible and UV-LED light, Long open time without activation, Dry to touch, tack free surface cure, Cure-on-demand of excess material released from bondlines, Bonds, fills, reconstructs and coats, Low odor, low blooming, Highly flexible and elastic (Light Lock 30X), Multi-substrate adhesion**, Available in a range of viscosities

Typical applications:

Conformal coating, Encapsulation, Electronics and audio assembly, Glass to metal bonding for jewelry, watches, perfume and liquor bottles, Plastic to plastic, and plastic to metal bonding.

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

Always use safety glasses and gloves when applying adhesives.

Full strength after 24 to 72 hours depending on bond gap, materials and ambient conditions.



Bostik Born2Bond™ Light Lock HV

Born2Bond Light Lock HV

Base Light Curing Methoxyethyl Cyanoacrylate.

Viscosity (cP) 600 to 900 cP

Fixture time* 5 to 10 seconds

Bond strength Grit-Blasted Mild steel 6 MPA

Appearance Transparent after cure

Temperature range -40°C to 80°C

Bostik Born2Bond™ Light Lock GEL

Born2Bond Light Lock GEL

Base Light Curing Methoxyethyl Cyanoacrylate.

Viscosity (cP) 30,000 to 45,000 cP

Fixture time* 10 seconds

Bond strength Grit-Blasted Mild steel 5 MPA

Appearance Transparent after cure

Temperature range -40°C to 80°C



Article No.	Description	Contents	Packed
705060	Born2Bond Light Lock HV bottle	20 gr	1 pcs
705061	Born2Bond Light Lock GEL tube	20 gr	1 pcs
705065	Born2Bond UV LED lamp	-	1 pcs

Bostik Born2Bond™ Booster

Best-in-class surface preparation and cyanoacrylate curing acceleration

Born2Bond™ Booster is a surface preparation product that accelerates cyanoacrylate curing and is specially designed for curing on wood and plastic surfaces. Its long open time and short drying time makes it an ideal choice for professionals. Unlike other accelerators, Born2Bond™ Booster is particularly suitable for promoting quick adhesion when joining parts that are immediately subjected to high stress, like edge coating or shoe soles.

Features:

Increases curing speed of cyanoacrylate adhesives on acidic woods and porous substrates, Dries in seconds, Open time: 24 hours, Transparent, Easy to use.

Typical applications:

Preparation of surfaces, Acceleration of bonding for wood, leather and vertical surfaces

Always use safety glasses and gloves when applying adhesives.



Article No.	Description	Contents	Packed
705070	Born2Bond Booster spray	150 ml	1 pcs
705071	Born2Bond Booster Flacon	450 ml	1 pcs

Bostik Born2Bond™ Primer

Best-in-class surface preparation and cyanoacrylate curing acceleration

Born2Bond™ Primer is used to make polyolefin and other low surface energy substrates suitable for bonding with cyanoacrylate adhesives. It is only recommended for difficult-to-bond substrates, which include polyethylene, polypropylene, polytetrafluoroethylene (PTFE) and thermoplastic rubber materials. Born2Bond™ Primer is not recommended in assemblies where high peel strength is required.

Features:

Improves adhesion to difficult-to-bond substrates, Specially formulated for adhesion of polyolefins, Suitable for use with other cyanoacrylates, Dries in seconds, Increases adhesion strength.

Typical applications:

Preparation of surfaces, Bonding of difficult-to-bond plastics and polyolefins.

Always use safety glasses and gloves when applying adhesives.



Article No.	Description	Contents	Packed
705080	Born2Bond Primer flacon	30 ml	1 pcs

