

Smart Bonding Solutions for Window Systems

Adhesive bonding portfolio –
made by Lohmann

Reliable Bonding Solutions for Lasting Comfort and Security

As a strategic partner for the window industry, Lohmann works side by side with customers to solve complex adhesive challenges and maximize operational performance. Through collaborative development of tailored bonding solutions for diverse window applications, we help you achieve advanced product functionality and security, thus ensuring a long life-cycle of the window.






Superior Bonding for Secure Burglary Protection

Partnering with industry leaders, Lohmann has developed a certified bonding system for wood-aluminium windows, enhancing security and performance. Our collaboration with Otto Chemie, Remmers, Leitz, and ift Rosenheim has led to the creation of the VE 08/4 standard, ensuring that our system meets high resistance classifications for burglary protection. Experience advanced technology that combines durability with superior craftsmanship.



Find out more about our Static Direct Glazing (SDG®) adhesive solutions:

DuploCOLL SDG® Portfolio for Static Direct Glazing Applications

Your benefits:

Handling

- Quick manufacturing with profiles and pre-applied adhesive tape
- Very low danger of setting block movement
- Reduced weight of the window construction as steel core can be left out or reduced
- Easily repairable in case of glass breakage
- Considerably better usage feeling of the wing (movable elements)
- Low invest for manufacturers: the tape can be applied inline in the extrusion process onto the profile
- Windows are easier to maintain thanks to permanent relief of fittings

Design and insulation

- New design possibilities with larger glass fronts and slim wing profiles
- Perfect sealing between glass and profile
- Improved thermal insulation thanks to minimized usage of steel reinforcement
- Additional insulation due to usage of steel core chamber
- Improved eco-balance of the window (higher insulation values, less reinforcement materials)

Security

- More than 20 years of experience
- Increased intrusion security due to persistent bonded glass frame construction
- Longterm guarantee for system partners
- ift and RAL certified products and systems

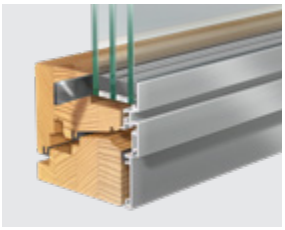
Static Direct Glazing (SDG®)

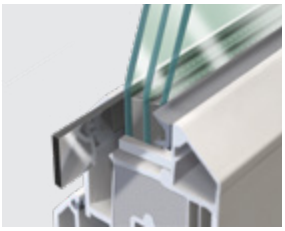
Product recommendation for coated wood

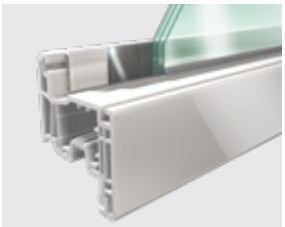
Name	Product construction	Adhesive
DuploCOLL 56056.1	2.0 mm PE-foam carrier black	Pure acrylic
DuploCOLL 56057.1	3.2 mm PE-foam carrier black	Pure acrylic

Product recommendation for PVC and aluminum

Name	Product construction	Adhesive
DuploCOLL 56002	1.3 mm PE-foam carrier black	Pure acrylic
DuploCOLL 56003	2.0 mm PE-foam carrier black	Pure acrylic
DuploCOLL 56005	3.2 mm PE-foam carrier black	Pure acrylic







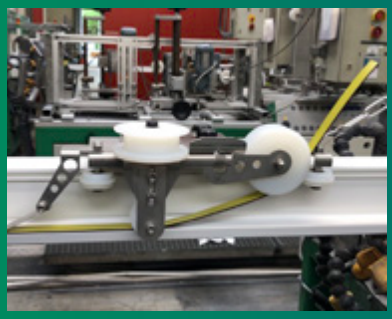
All Frames. One Tape.
Zero Compromise.

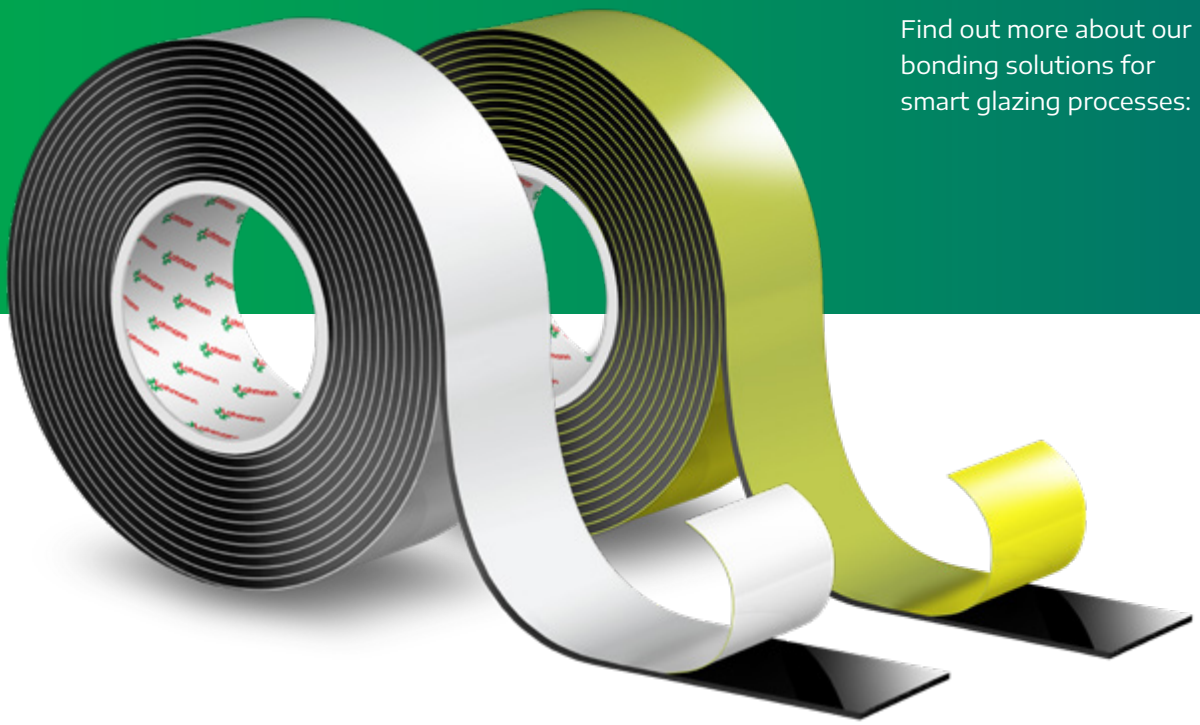
From high-tech bonding solutions to process integration

Lohmann is more than just an adhesive tape supplier – we are your strategic partner in developing high-performance bonding solutions for the window industry. To support you in the project phase, Lohmann offers a wide range of testing options.









Find out more about our bonding solutions for smart glazing processes:

Strong bonds, strong partnerships:

aluplast

Fenster, Türen und Glasanbauten FINSTRAL

ALUMINIUM SYSTEMS HUECK GERMAN ENGINEERING SINCE 1814

MEVO

SALAMANDER INDUSTRIEPRODUKTE

CORTIZO

GEALAN

impra we care for wood

profine

SCHÜCO

deceuninck

GUTMANN

Internorm

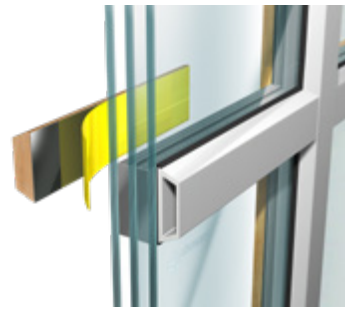
remmers

TEKNOS

DuploCOLL® Portfolio for Further Window Applications

Muntin bar bonding

- Flexible foam adhesive tape for excellent compensation of expansion tolerances
- High UV- and weathering resistance
- Usage on PVC, aluminum and coated wood
- ift approved solution
- Approval for special surfaces like bio clean glass

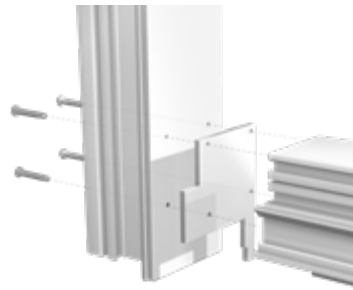


Product recommendation for muntin bars

Name	Product construction	Adhesive
DuploCOLL 9182 / 9184	1.0 mm PE-foam carrier black / white	Pure acrylic
DuploCOLL 21606 / 21607	1.0 mm PE-foam carrier black / white	Pure acrylic
DuploCOLL 56024	3.0 mm PE-foam carrier black	Pure acrylic
DuploCOLL 53511.4	1.1 mm Acrylic foam tape grey	Pure acrylic

Die-cuts as sealing pads

- Die-cuts can be manufactured in almost any geometry to match the profile.
- The die-cuts can be manufactured with adhesive on one or both sides.
- Depending on requirements, different thicknesses and strengths of foam can be varied.
- Screw passages or fixing points can also be included in die-cuts



Product recommendation for sealing pads

Name	Product construction	Adhesive
DuploCOLL 9182 / 9184	1.0 mm PE-foam carrier black / white	Pure acrylic
DuploCOLL 918	1.0 mm PE-foam carrier white	Pure acrylic
DuploCOLL 919	1.5 mm PE-foam carrier white	Pure acrylic
DuploCOLL 9192	1.5 mm PE-foam carrier black	Pure acrylic
DuploCOLL 920	2.0 mm PE-foam carrier white	Pure acrylic

The perfect bonding solution? The one tailored to your application. We support you from the idea to its integration into your process.

Interested in finding out more on bonding solutions for the industry?

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