



### Our bonding shop

The bonding shop at DB Fahrzeuginstandhaltung's Nuremberg maintenance depot is perfectly equipped for performing all types of joint refurbishment jobs on front, roof and side windows. This was demonstrated by our team during the „Class ET 423 Window Joint Refurbishment“ project, when they refurbished two electric multiple units (EMUs) per week. Not only is our bonding shop long enough to fully accommodate a four-unit EMU, its constant temperature and humidity also provide ideal conditions to allow adhesives such as Betamate and Sika to cure. Extremely short vehicle downtimes, outstanding quality, reliable services and highly knowledgeable experts – these are the strengths of our team that you can count on at all times.



## Refurbishment of joints and **maintenance** by adhesive **bonding**

### Contact

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DB Fahrzeuginstandhaltung

Comprehensive service  
Diverse solutions  
Superior performance



### Short downtimes: the example of Class ET 423 EMU

When carrying out maintenance by adhesive bonding on a Class ET 423 EMU, for example, we perform the following jobs within the shortest possible time-frame:

- removing and replacing the sealing joints and filling cord on both end fairings
- replacing the rubber seals on the 20 hopper windows and renewing the sealing joints
- renewing the sealing joints on the four driver's cab windows
- removing the up to 5 cm layer of sealing joints and filling cord on the 48 side windows and resealing the joints
- repairing damaged side and door window panes



### Preventing leaks and saving costs

Over the years, the sealing joints on vehicle windows tend to become porous and increasingly leak, allowing water to ingress into the vehicle interior. The moisture will over time result in sodden floor coverings and corroded aluminium floors. This may cause holes in the floor that require extensive repair. In the worst case, the entire floor may have to be replaced, with consequences such as long vehicle downtimes and additional costs to be borne by the owner.

This is something you can avoid by having the sealing joints inspected and, if necessary, repaired in good time. The adhesive bonding experts at our Nuremberg maintenance depot have many years of experience in maintaining a wide variety of vehicle classes, including, among others, the entire DB fleet. Our maintenance depot has all the required certifications and can guarantee short vehicle downtimes.



### Keeping vehicle downtimes to a minimum

Our recommendation for you would be to have the sealing joints inspected and if necessary repaired during the regular scheduled vehicle overhauls. This will save you the trouble of taking vehicles to the depot for repair in between overhauls, thus reducing vehicle downtimes. We will be happy to arrange the dates for receiving your vehicles in close collaboration with you.

