

## FORMER LADA FACTORY, BRALITZ, GERMANY



### Benefits to our customer

The client was looking for a partner that could offer support in a team context - from material choice to application. With its many years of expertise in the area of EPDM roofing systems and its high-quality products, Hertalan proved to be the answer.

Proven lifespan (SKZ study 2001), durability, lasting elasticity and the ease of application of Hertalan EPDM were decisive in the client's product choice.

### Our challenge

The bitumen roof of the former Lada factory was in a very poor condition and had to be renovated completely. In several places, the bitumen covering layer was so affected that there were leaks and moisture had penetrated deep into the roof construction. Different layers of the roof construction had started to loosen, which was a danger in high winds.

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The solution

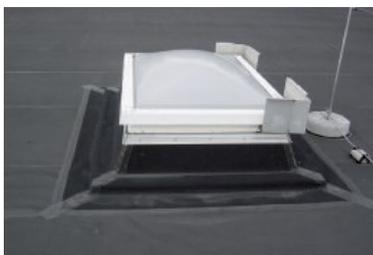


The existing bitumen roof had to be renovated completely because it no longer complied with the required wind load. The presence of holes and tears had made the roof covering very rough. To ensure that the Hertalan EPDM roof covering could be laid properly and flat, the choice was made to affix an additional insulating layer on the existing bitumen roof covering.

Adding the additional insulation on the existing bitumen roof covering produced a flat surface as well as additional protection of the steel construction against thermal load. Because of the wind resistance of the roof, Hertalan had extensive consultations with the steel constructor. To ensure the wind calculations were complied with, Hertalan used Hertalan easy weld MF for this extensive project.



Hertalan easy weld MF is a mechanically fixed system of roofing rolls, where the seams are sealed with hot air. Hertalan developed a unique EPDM roofing strip with a EW welding seam for this system, whereby the EW seam is UV resistant.



Hertalan manufactured rolls with a length of 50 meters specifically for this project. Normally we work with rolls of 20 meters, but we opted for a different length to keep crosscut connections to an absolute minimum.

Besides ease of application this also produced even better resistance against the high wind load.

Contract details:

**Client**

**(Roofing)contractor**



**WIBAU**  
Dachtechnik