



GLASS EMBEDDING

SAFE AND FAST GLASS EMBEDDING SOLUTION FOR GLASS BALUSTRADES

BENEFITS

- Stress-free embedding of glass balustrades
- Compatible and durable solution
- Fast installation
- Use of standard U-profiles
- Minimal planning and preparation work required

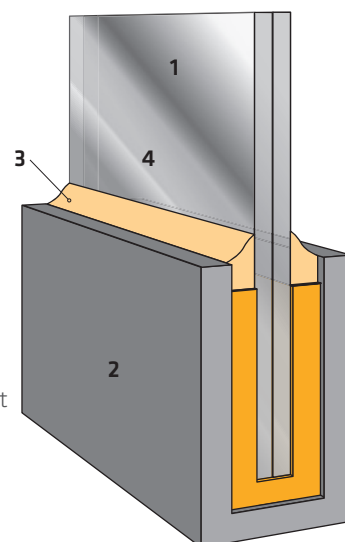
GLASS EMBEDDING FOR TOTAL VISION GLAZING

MODERN ARCHITECTURE is glass architecture. Light-flooded spaces and transparency in the buildings as well as outwards are the mirror of our present society, which is becoming more and more transparent through the digitalization. When it comes to connecting glass to the frame, Sika has always a suitable and economical solution. For total vision glazing and glass balustrades, ideally the glass panes should be fixed to the floor with low punctual stress transfer to the glass. With **SikaGlaze® GG-735** the bottom glass edge is embedded in standard U-profiles, and loads are securely transferred through the glass elements thus results in uniform stress distribution. **SikaGlaze® GG-735** create a strong and real flexible fastening solution capable of withstanding highest static and impact load requirements and is ideal for horizontal glass wall grouting jobs. In addition Sika offers **SikaForce®-7720 L45** for stairs and inclined glass railings that offers equal application and mechanical benefits.

WHAT MADE US CHOOSE THE BEST TECHNOLOGY FOR GLASS

EMBEDDING? It's the mechanics and the workability which makes the difference to the alternatives offered on the market. The Sika products for glass embedding offer just enough flexibility to take up some movement created by temperature. On the opposite, enough stiffness so the balustrade cannot wiggle. At the same time, the application of the products is very simple and therefore also very economical. To prove that, **SikaGlaze® GG-735** and **SikaForce®-7710 L35** have National Test Certificates in accordance with the Technical Regulations for the Use of Safety Barrier Glazing (TRAV) which is an external evaluation report. The PU embedding is protected against weathering by **SikaHyflex®** silicone sealants.

- 1 Glass Balustrade
- 2 Metallic Clamped Support
- 3 SikaGlaze® GG-735 / SikaForce® 7720 L45
- 4 SikaHyflex®



	SIKAGLAZE® GG-735	SIKA FORCE®-7720 L45
Base	Two component polyurethane.	Two component polyurethane
Open time	35 min	35 min
Shore D	80	80
Viscosity mixed	10 Pas for horizontal application	200 Pas for stairs and inclined glass railings
Compatible with laminated glass	Yes	Yes
Test certificate	Pendulum impact test according to TRAV - rules for safety glass barrier P-2016-3047	Pendulum impact test according to TRAV - rules for safety glass barrier
Packaging	Component A; Can 5 kg, Pail 25 kg Component B; Can 1kg, Pail 20kg	Dual cartridge 415 ml (635 g) with static mixer



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