



SIKA AT WORK

The first Maximum Visibility Coach with Sikaflex® Technology

WINDSCREEN BONDING SYSTEM: Sikaflex®-256 / 521 UV

BUILDING TRUST



SIKAFLEX® WINDSCREEN BONDING SYSTEM IN MAXIMUM VISIBILITY COACH



PROJECT DESCRIPTION

Tourist buses, known also as coaches, must offer primarily maximum security and additionally high comfort level, as in many cases passengers have to sit for many hours in the vehicle, with limited stops for a rest. Especially when we refer to coaches designed to navigate through areas of special natural and / or archaeological interest, then the maximum visibility they offer is of paramount importance.

APPLICATION DEMANDS

The design of a maximum visibility coach obviously includes large areas of glass. The direct bonding of crystals in vehicles is a demanding application as the selected adhesive should provide long-term durability, short drive away time, strong initial adhesion (grab) and perfect waterproofing.

SIKA SOLUTION

Sika's PU based **Sikaflex®** sealants and adhesives are well known on a global level for their properties and advantages. Therefore, for the bonding of crystals in such a high-demand vehicle, the well-known bonding system **Sikaflex®-256** and the sealant **Sikaflex®-521 UV** were used. **Sikaflex®-256** PU adhesive has prolonged workability time but cures without problems, by absorbing atmospheric humidity, even under high temperature conditions. **Sikaflex®-521 UV** PU sealant was used for the perimeter sealing of the glass, as it exhibits very high UV resistance and excellent finishing properties. The combination of both materials offered high level of application security and a guaranteed aesthetic result.

PROJECT PARTICIPANTS

Owner: **Machairidis**

Applicator: **Machairidis**

Our most current General Sales Terms shall apply.

Please consult the most recent Product Data Sheets prior to any use and processing.



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