



SIKA AT WORK

NEW FULLY ELECTRIC GB AUTO HIGER BUS

INDUSTRY: SikaFlex®-521 UV, SikaFlex®-263, SikaFlex®-252, SikaFlex®-221

BUILDING TRUST



NEW FULLY ELECTRIC GB AUTO HIGER BUS



Project Description:

■ In line with the worldwide direction of manufacturing green fueled buses, GB auto which is one of the Egyptian market pioneers in fabricating of buses and coaches, took a remarkable place in COP27 that was held In Sharm El-Sheikh, Egypt November 2022, they participated by launching 30 fully electric buses supporting the Egyptian vision 2030 to eliminate fuel emissions.

Sika Solution:

■ **Industry:** Sika provides a wide range for adhesion, sealant, protection and sound damping; SikaFlex system includes:

- SikaFlex®-521 UV a weathering resistant STP adhesive sealant with a wide adhesion range and can be painted.
- SikaFlex®-263 a direct-glazing adhesive with good ageing and weathering resistance.
- SikaFlex®-252 an elastic adhesive for vehicle assembly bonding with the capability of vibration and sound damping.
- SikaFlex®-221 a multi-purpose adhesive sealant that has a low odor and non-corrosive property.

Project Requirements:

■ Sika suggested SikaFlex innovations, that GB auto adapted it to fulfill the design of safety, light weight, and durability to construct the GB auto Higer electric bus with bigger side windows to cope with the new design trends precisely here SikaFlex was the ideal solution for sealing and bonding.

Why Sika:

■ Sika is an enabler of this vital transformation. Sika offers solutions to improve products and processes in many industrial applications, they supply energy-efficient adhesives for environmentally friendly vehicles.

Project Participants:

- Owner: Cairo and Alexandria public transportations authority.
- Bus Design and Manufacturer: GB Auto.
- Chassis Provider: Higer.

SIKA EGYPT

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