



# BRILLIANT SOLUTIONS FOR SAFETY BUS DRIVERS

## CASE HISTORY



### APPLICATION

Public protective bus partition panels, developed by Brillant Bus GmbH.

### KEY CHALLENGES

Retrofit of public buses with certified partition panels for separating bus drivers from passengers in line with anti-pandemic contact restrictions.

### OEMS

Daimler, MAN, SETRA and many more....

### SOLUTION

TÜV certified transparent partition panels made from SABIC LEXAN™ sheet materials help public bus operators meet infection control regulations without blocking the front boarding area.

### RESULTS

Virtually unbreakable LEXAN™ 9030 and MARGARD™ MR5E shows to provide the perfect property profile for these demanding partition panels:

- ✓ Superior impact strength
- ✓ Abrasion resistance (MR5E)
- ✓ Easy to cut & install
- ✓ Flame retardant (R118)
- ✓ Easy to clean & disinfect
- ✓ Chemical resistance
- ✓ Lightweight

## SOLUTION & RESULTS

Brillant BusGlas is supplying the partition panels in kits for on-site installation, either by the bus operators themselves or by Brillant's retrofit service. The panels have received full approval of roadworthiness by the German technical supervision authority (TÜV) and have been certified according to ECE-R43.

Public transportation operators equipping their buses with these LEXAN™ polycarbonate sheet partitions can now meet strict infection control regulations without having to block the front boarding area and losing valuable passenger space. Designed for permanent installation, the retrofits are an added-value solution enhancing the safety of bus drivers and helping to prevent the spread of air-borne pathogens.



*OEM: MAN Lions City A20*



### FOR MORE INFORMATION

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