

SHATTERPROOF iNFRA X2 FOR BUS SHELTERS

iNFRA X2 is a cost-effective, optically clear polymer panel specifically developed for bus shelters and weather protection. It is 100 times stronger than glass and virtually unbreakable. iNFRA X2 is also an excellent choice for digital printing of patterns and images, as the surface properties of the material provide excellent print adhesion and allow printing at a low cost. Print files are archived for repeat orders with short lead times.

Shatterproof. Sustainable. Cost-effective.

There really shouldn't be any need for more reasons to choose iNFRA X2 when replacing broken glass in vandalised bus shelters – but here are a few more...

- Improved passenger experience – no broken glass
- Resistant to cleaning with solvents such as denatured alcohol and isopropanol
- Half the weight of glass – can be installed by one person
- UV-protected – will not yellow in sunlight
- Self-extinguishing – cannot be set alight with a lighter
- Low life-cycle cost
- Easy repeat ordering

Advantages compared with polycarbonate (PC)

- Cost-effective – less than half the price of PC
- Low-cost printing
- Short lead times for repeat orders

Design and installation

iNFRA X2 is suitable for all types of bus shelters. The panels are flexible and can also be adapted for installation in curved profiles and arched roofs. X2 panels are normally supplied in the same dimensions as the original glazing, including holes for mounting information boards, etc. The panels can also be fitted with brackets to prevent them from being kicked out.

The low weight makes replacement considerably easier than when using toughened glass. The panels can be installed in the existing structure or using a customised fixing solution.

Draft regulatory text

"Panels shall be made of 8 mm transparent, UV-resistant, impact-resistant polymer (not acrylic), and shall be self-extinguishing when subjected to ignition tests, such as HMG iNFRA X2 polymer or equivalent."

TECHNICAL SPECIFICATIONS iNFRA X2	
Max X2 width	2050 mm
Max X2 height	2800 mm
Dimensions	8 mm, 10 mm
Weight	8 mm – 9,4 kg/m ² 10 mm – 12 kg/m ²



Shit happens... Or does it have to...???



X2 panels can be printed at low cost.



Short lead times on repeat orders.