

Case studies

CASE No 1

Architects working on behalf of the education department of Glasgow City council were looking to specify a panel product suitable for use in schools that met the following criteria:

- › Impact resistant
- › Graffiti resistant
- › U.V. Stable
- › and above all.....**maintenance free**

GRP Fibacore insulated infill panels were specified, as they exceeded all expectations particularly with regards to 'maintenance free'. **GRP** Panels were manufactured with a heat bonded leatherette surface coating which keeps the panels colourfast and prevents excessive weathering and degradation. An occasional clean down with detergent and water was all that's required to "freshen up" the panels.

Problem solved! ✓

BEFORE



AFTER



CASE No 2

In September 1999, Smyth Composites were approached by the offices of the renowned architect ZAHA.M.HADID to assist with a huge potential problem.

The much talked about Millennium Dome was due to open to the public on 31st of December amid the pomp and circumstance befitting a such global occasion.

Only problem wasthey had design an entire zone within the dome and it had to be supplied and built within 9 weeks.

The architects decide to go with a class 0 Fire Rating translucent **GRP** panel incorporating woven mats and a "blue hue" tint. After three weeks of trials and samples, they settled for a depth of tint that was satisfactory. An order for 3300m² of translucent glazing was placed with Smyth Composites, and production commenced against the clock and against the odds ! Staff and management worked dayshift, nightshift, backshift, Saturdays and Sundays for six weeks solid in order to fulfil the delivery criteria.....and all this without compromising delivery of orders from our regular customers.

Where there's a will.....there's a way !



Problem solved ! ✓

CASE No 3

In the course of a refurbishment of an Ice rink in the north east of Scotland Architects have a problem how to clad the perimeter of the rink. The panel have to be highly impact resistant, be suitable for use at low temperatures, and be a solid colour throughout the panel (as opposed to a coated product). The result was an order for over 460m² of 10mm thick Fybatex solid colour **GRP** with a deep crinkle embossed surface (to prevent scuffing and scratching).

As an added bonus, panels were manufactured in the club colours of the local ice hockey team, by virtue of the colour match service Smyth Composites offer.



Problem solved ! ✓

CASE No 4

Stealth Screening

A directive by central government to local government, instructed local authorities to 'cover up' the ever growing amount of Antennae, aerials, satellite, and microwave dishes mounted on roofs of buildings within cities and towns in the UK.

Smyth composites now supply many companies with **GRP** panels suitable for use as Stealth Screening and radio frequency camouflage products. Panels are usually manufactured with a smooth surface which allows them to be painted in a similar theme to surrounding materials, without compromising the passage of radio waves. Brick effect **GRP** has also been successfully used with the added advantage of replicating the same brick colour which is found on adjacent buildings.

Problem solved! ✓

