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6 Shankill Road Leisure Centre Refurbishment, Belfast
Client: Belfast City Council
Installer: McNeill McManus Glass

7 Beverley Leisure Complex
Architect: ATKINS Leeds

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7

KALWALL® on the roof

Kalwall is the most highly insulating, light transmitting system available for roofing and cladding. Over 400 projects have been completed in the UK, since Kalwall was first introduced to architects from the USA ten years ago.

Kalwall roofing, like the cladding system, has a fundamental influence on building design and the ambience of interiors. Natural daylight is diffused to provide museum quality evenly distributed light, without shadows, glare or hotspots. The system enhances the daylight, even on cloudy days, while eliminating the stark contrasts of light and shade produced by conventional glazing.

Highly insulating Kalwall maximises thermal insulation and reduces energy used for air-conditioning, heating and artificial lighting. It also reduces or eliminates the need for blinds or external solar control. Increased insulation, giving the same 'U' value performance as a solid surface, can be achieved by using Kalwall with Nanogel infill.

As well as providing diffused, quality daylight and excellent insulation, Kalwall roofs have considerable advantages over other light transmitting systems:

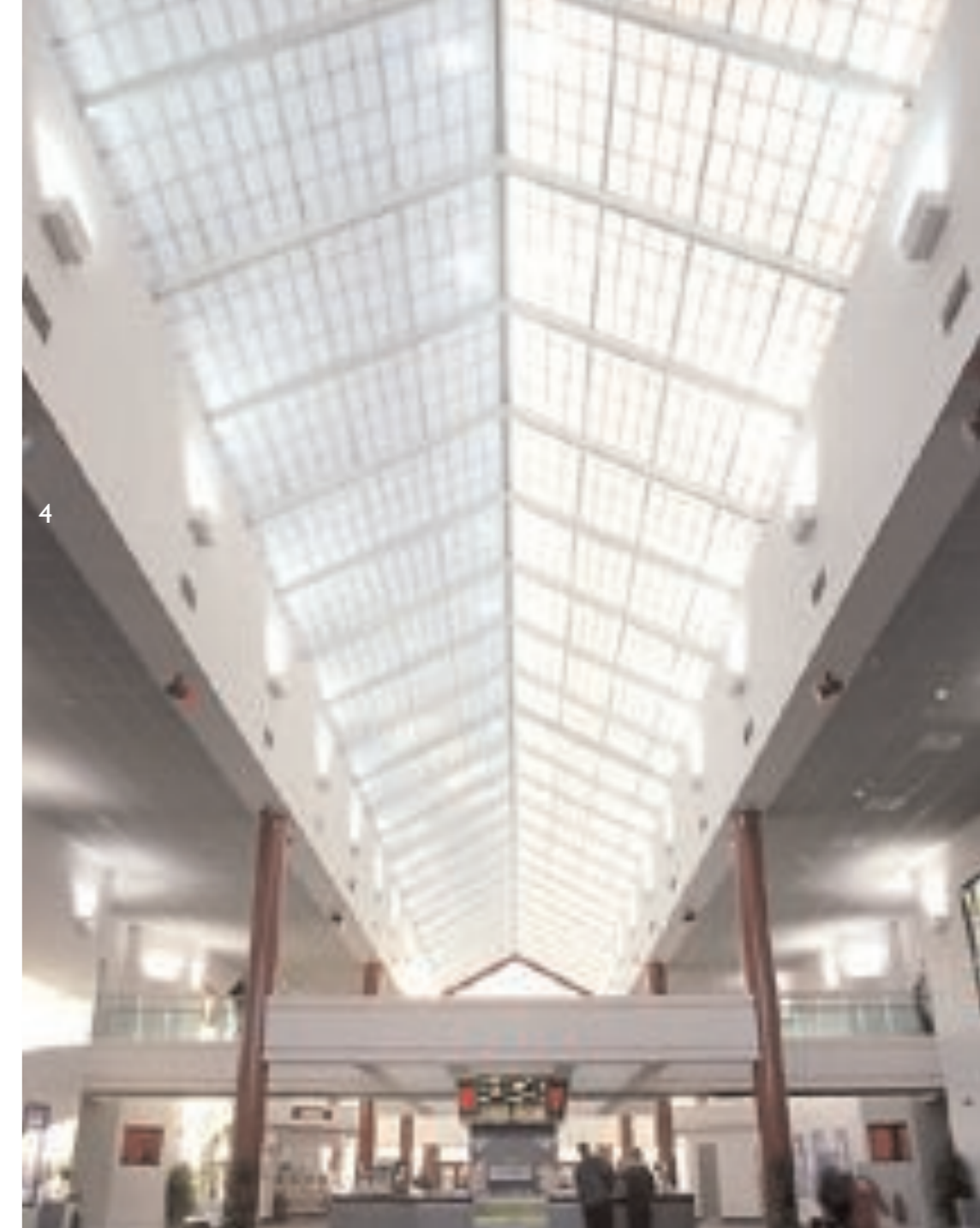
- Curved or flat panels
- Light in weight and self-supporting designs can reduce or eliminate expensive and perhaps unsightly supporting structure
- Self-supporting 180° and 90° vaults up to 7.4m wide.
- Standard self-supporting ridge roofs up to 6m wide.
- Custom self-supporting ridge roofs up to 35m wide.
- External panel surface is engineered to enhance water run-off, reducing the need for cleaning.

Stoakes Systems Ltd, Kalwall's UK partner; has a wealth of roofing projects and case studies for virtually every type of building, small or large, simple or complex. This leaflet shows a few examples.....



4 Sports Gyms and Science Block, University of Bedfordshire. Architect: MHI, Newark

6 The Green School Sports Hall, Isleworth, Project Designers: Dunphys Chartered Surveyors Sports Hall, Ursulinas College, Pamplona, Spain Architect: Loperena-Portillo Arquitectos S.L. Installer: Astrawall Iberica S.L.



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