



Pool Cover - Swimex Ltd
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The POOL COVER TELESCOPIC POOL BUILDING TECHNICAL FEATURES

31/01/06

Structural Framework - Manufactured from aluminium alloy AlMgSi Group 6060T6. A wide range of extrusions available to safely span up to nearly 16 metres in width and lengths up to typically over 30m.

External Finish - Powdered polyester, coated strongly by electrostatic multi-layered spraying to give a smooth appearance in up to 180 RAL colours.

Roofing - 250 times stronger than glass. LEXAN® THERMOCLEAR® Manufactured by General Electric Plastics in a double wall cellular structure to ensure minimum loss of natural heat gained during the day. 6mm thickness gives optimum coefficient for temperature increase due to the greenhouse effect. It is treated to guard against the sun's UVA rays to help keep your swimming pool free from any heavy growth of algae or mould. LEXAN® is virtually unbreakable.

Side Walls - Crystal clear tough Poly(methyl)Methacrylate PMMA (Plexiglas® XT) is much safer than any other form of glazing and easy to maintain.

Weatherproofing - Antistatic Synthetic-fibre sealing brushes used throughout the building keep out the wind, dust, leaves, snow and rain to give you a nice indoor feeling.

Rollers, Guides and joining elements - To enable smooth opening and closing, a no-track/rail free system is used, giving a much safer ground surface when opened up. Each section has 4 pairs of large diameter nylon wheels, mounted on stainless steel spindles inside stainless steel sealed roller bearings, to ensure easy operation.

Each section of the building is connected to the next one by a patented system of counter guiding, fitted inside the bottom rails and once again stainless steel is used for longevity.

Temporary fixing to the ground - Is achieved with stainless steel 160mm quick release fixations, requiring minimum effort to attach and detach. These fixations are key to wind resistance.

Glazed Back ends of buildings - Can either be fixed or removable in 1,2,3,4 or 5 pieces or concertina.

Glazed Front ends of buildings - Can be removable in 1,2,3,4 or 5 pieces or fitted with a counterbalanced tiltable front panel, (like an up and over garage door) which allows the whole of the building to be opened back without obstruction. Alternative to the fixed or moving end gable is a front concertina door.

Foundation requirements - Pool Cover Telescopic Pool buildings are made to a very large structural safety margin, but do not require deep foundations. The existing pool patio usually suffices (provided it is relatively smooth), but ideally a 15cm concrete base with slabs enable the winterising tie down bolts to be properly anchored. We can advise during the site visit on ground works.

Building control - Our buildings comply with Building Regulations for planning purposes, in respect of wind and snow loading and also fire resistance of the roof.

Planning permission (required in certain cases) - Pool Cover Telescopic Pool Buildings satisfy the permitted development rules but our Sales Staff can advise if planning permission is necessary and, if required, will offer our services in submitting a planning application to the local authority for approval.

New swimming pools to be built - Pool Cover Sales Staff liaise with good quality swimming pool builders throughout the UK and Ireland to ensure smooth progression of planning, designing, building and finishing off your complete combined pool and telescopic building projects.

Swimex Ltd, Director - C D Elliot

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