

Charlotte Burrows

From: Lisa Coney
Sent: 16 April 2013 12:46
To: Charlotte Burrows
Subject: FW: White Meadows Primary School, Littlehampton - Planning Application WSCC/027/13/LU
Attachments: WSCC 027 13 LU District start letter.doc
Follow Up Flag: Follow up
Flag Status: Flagged

Reg 3 application

From: Carolyn Nysingh **On Behalf Of** Planning
Sent: 16 April 2013 11:15
To: Lisa Coney
Subject: FW: White Meadows Primary School, Littlehampton - Planning Application WSCC/027/13/LU

Carolyn Nysingh | PA to Assistant Director, Planning and Economic Regeneration, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF
Internal: 37778 | External: +44 (0) 1903 737778 | E-mail: carolyn.nysingh@arun.gov.uk
Visit Arun's web site at www.arun.gov.uk  Save the environment - think before you print.

From: [REDACTED] **On Behalf Of**
Planning.Applications@westsussex.gov.uk
Sent: 15 April 2013 16:44
To: Planning
Subject: White Meadows Primary School, Littlehampton - Planning Application WSCC/027/13/LU

Please see attached letter and link for the above planning application. To view application on line click on this [Link](#)

Many thanks
Alison

Alison Woodfield | Planning Technician, County Planning, West Sussex County Council | Location: Northleigh, County Hall, Chichester, West Sussex PO19 1RG
Internal: x77623 | External: (01243) 777623 | E-mail: alison.woodfield@westsussex.gov.uk

Think sustainably. Do you have to print? Can you double side? Do you need colour?

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Spencer Bryan
County Planning Manager

County Planning

County Hall
Chichester
West Sussex
PO19 1RH

Tel: 01243 642118



Arun District Council
Head of Planning Services
The Arun Civic Centre
Maltravers Road
Littlehampton
West Sussex
BN17 5LF

15 April 2013

Dear Sir/Madam

THE TOWN AND COUNTRY PLANNING ACT 1990
THE TOWN AND COUNTRY PLANNING GENERAL REGULATIONS 1992
APPLICATION MADE UNDER REGULATION 3

Application Number: WSCC/027/13/LU
Location: White Meadows Primary School, Whitelea Road, Wick,
Littlehampton, West Sussex, BN17 7JL
Proposal: Erection of an enclosure over the existing swimming pool
Applicant: Director of Communities Commissioning
Grid Reference: 502465 102918
To be determined by: 5 June 2013

Please click on the link below to view new on-line applications on our website.
<http://www.westsussex.gov.uk/eplanning>

The planning application for the proposed development was validated on 9 April 2013 and will be determined by West Sussex County Council.

Please enter the application details into Part 1 of the Planning Register. I require the views of your Authority by **6 May 2013**. If I have not heard from you by this date I shall assume that you have no comments to make, and the application will be determined by the target decision date. You may wish to carry out internal consultations before providing your observations.

Please include in your formal consultation reply the views of the Drainage Engineer re flooding, and the Environmental Health Officer re Noise, Air Quality (including dust and odour) and Contamination. In addition, should these comments be available in advance of the formal comments of your council, please send them directly to me at the email address above.

West Sussex County Council will deal with all publicity for this application.

The views of other consultees will be sought directly by me. Therefore it is unnecessary for you to duplicate these consultations with external organisations on our behalf.

Yours faithfully

Sam Dumbrell
County Planning



SPECIFICATION

Lightweight - Free standing or attached buildings.

Free standing or attached to supporting wall or as an extension to an existing building.

Clear spans 5m to 25m. Length 6m to 80m+

Aluminium

High Strength Aluminium - Quality AGS 6063 - T5 (BS1474).

Powder coated aluminium in White or Dark Green or Milk Chocolate.

Four different beam sections are available dependant on clearspan.

Stainless Steel

Quality 316 2L

Maintenance free.

Walling and roofing - Makrolife® - UV coated

Aria Makrolife® flat polycarbonate sheet offers a superior glazing solution, particularly when safety and impact resistance is of vital importance.

The criteria for safe, attractive and practical glazing in sporting facilities, schools, hospitals and shopping centres are easily met through the use of Makrolife®.

Side panels. 3mm

End panels. 4mm

Roofing material is 10mm multi wall polycarbonate.

Properties

Light transmission DIN 5036, T.3 Clear 88%

Weight is half that of the equivalent sheet of glass.

Makrolife® Density 1.20g/cm³ Glass Density 2.50g/cm³

Fire Performance BS476 : Pt7 : 1987 Value 1Y

U Values Multiwall roofing 10mm = 2.5.

Thermal Transmittance - U Value. Std Makrolife® plate = 0.21 W/mK. DIN 52612.

Polycarbonate sheet is self extinguishing and rated class 1 for surface spread of flame.

Roofing Material - Multiwall wall Polycarbonate Sheets conforming to BS 476 part 7 - Class 1 spread of flames of UK Building Regulations.

UV protection

Makrolife® has a high performance UV absorption layer co-extruded on both surfaces which prevents damaging UV radiation from penetrating the sheet. UV protection means longer life, preventing yellowing, and loss of strength. It cuts out 98% of harmful UV radiation, protecting those relaxing, playing or working beneath it.

Safety

With impact resistance up to 300 x times stronger than glass, Makrolife® polycarbonate remains virtually unbreakable.

Economy

Resistance to breakage reduces the building's maintenance costs and in addition Makrolife® helps reduce energy costs through its superior thermal properties over glass.

Durability

Makrolife® has an excellent resistance to weather and atmospheric conditions and offers a 10 year warranty against yellowing for continued performance in prolonged outdoor exposure.

Makrolife® is manufactured by complying with international quality standards certified to BS EN ISO 9002.

Maintenance

High pressure water jet alone is usually enough for both interior and exterior.

For grease stains - lukewarm water with mild soap, lightly sponge with cotton wool. Rinse with clean water. Apply WD40 to door and window locks.



GENERAL

Our watchwords are quality, safety and reliability. Its patented designs are recognised as amongst the most innovative and technically up to date in the world. The architectural materials used are strong and rigid and time proven each component built to meet and exceed recognised standards.

Benefits - entertain, swim or play any time of year.

Free standing or abutting an existing wall or building.

Structure

Frame-

The patented structural standard high strength 6063 T5 aluminium beams and doors are thermo-lacquered and of course will not rust. Lightweight materials creating an extremely strong and durable building in a few days compared with traditional forms of building. The structure has been pre-assembled in the factory ensuring exact and problem-free erection. Difficult access sites do not present a problem.

Delivered and assembled on site by our factory engineers.

Sizes-

Enclosures are individually designed and range in size from 5m by 6m (16'5" x 19'8") up to 25m wide by 80m (82' x 260') or more in length and cover all size combinations between.

Side Access-

Side access window panels are moveable and lockable and by sliding them upwards into the roof gives an unimpeded access and ventilation, 1.83 (6') m to 2m (6'6") high along the sides. Side panels can be up to 2m wide. Split windows styles are available too.

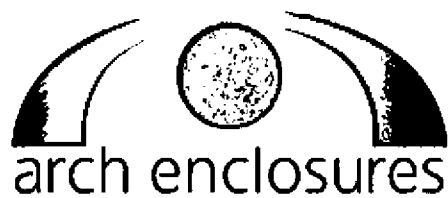
Fixed Position or Telescopic

The enclosures can be either fixed in position or are available as moving vaulted sections which can be rolled open and telescoped on tracks in good weather.

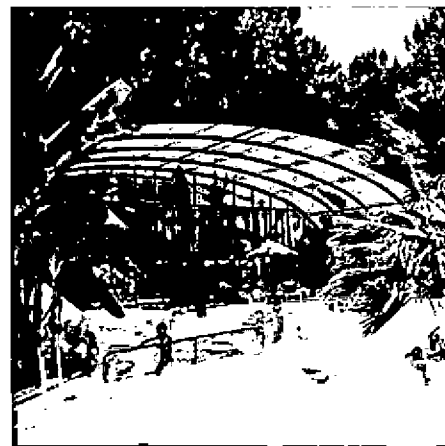
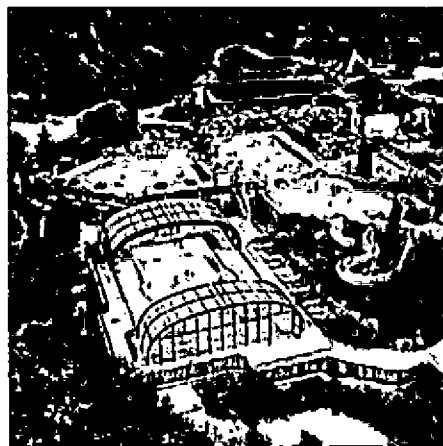
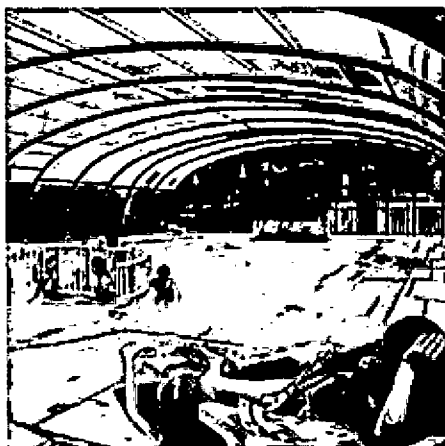
Glazing-

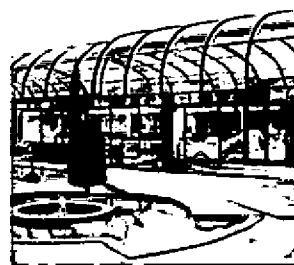
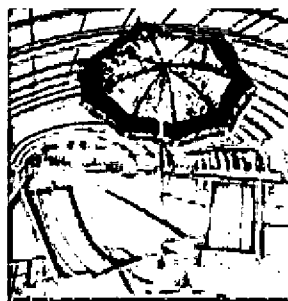
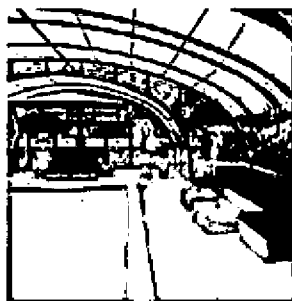
Unique features - Makrolife® polycarbonate with UV protection on both sides available in tint and clear. Roofing material is 10mm multi-wall polycarbonate.

The 10 year manufacturer's guarantee supports its legendary strength and unbeatable impact resistance, proven in the world's toughest climatic conditions. It far outperforms alternative sheet materials.



Swim in comfort – Everyday, anytime of year!





Welcome

The joy of this flexible system is in its ability to retain an outdoor option for those sumptuous summer days when everyone will want to enjoy their outdoor swimming.

BENEFITS

- Free standing or attached to an existing building
- Fixed or telescopic designs
- Cut Costs –
 - » Chemical
 - » Heating
 - » Maintenance
- Unbreakable glazing
- Side windows open upward into roof
- Secure
- Made to measure
- Factory installation
- 10-year guarantee

TAKE CONTROL OF THE WEATHER

An enclosure not only provides the potential for year-round swimming but also extends the swimming day and at the same time creates an elegant additional room for entertaining and exercise. Widths from 5m to 25m (16ft to 82ft) with unlimited length.

Putting a pool under cover is a realistic and affordable solution to coping with unpredictable weather in all seasons. In fact, all enclosures are either fixed in position or are available as moving sections that can be telescoped open on tracks in minutes.

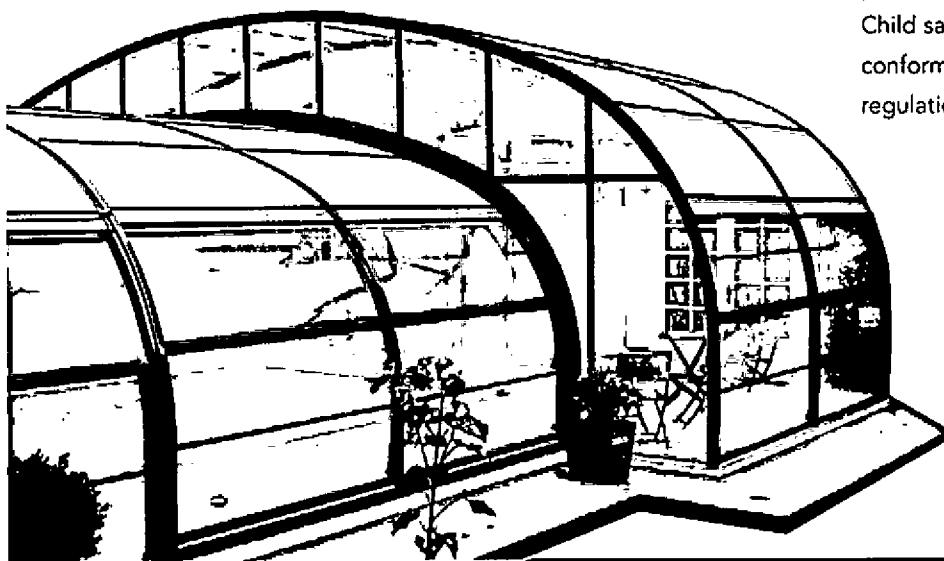
There are security advantages too - improved safety by keeping unwanted visitors, unsupervised children and pets away from the pool. Child safety windows conform to new EU regulations.

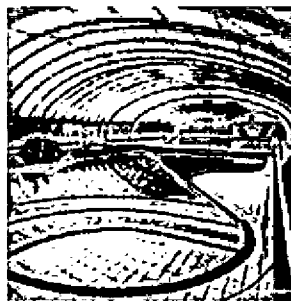
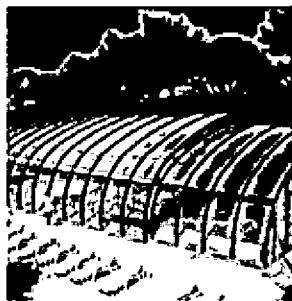
STATE OF THE ART TECHNIQUES

The patented designs are recognized as amongst the most innovative and technically up to date in the world. We have over 40 years experience in the construction and design of lightweight structures using state of the art techniques.

We supply a complete fixed price, custom built turnkey package; design, manufacture, construction and installation by our engineers.

Each building has a 10 year manufacturer's guarantee.





The Arch System

The Arch system offers infinite opportunities bringing an outdoor environment indoors. This great advantage of this flexible design is in its versatility to offer an open-to-the-garden option for those hot summer days.

In all styles the crystal clear windows on both sides of the enclosure, open and slide up into the roof. Each window is 6'6" wide and 6'6" high and when open gives unimpeded, ground level access to the garden or deck. Windows can be locked securely in all three positions – open, ventilation and closed.

SAFETY

Safety and security is improved because the crystal clear Polycarbonate windows are 200 times stronger than glass to impact breakage. The architectural materials used are strong and rigid and time proven, each component meets and often exceeds British and EU specifications. We have approved certification under new EU safety regulations.

COMMERCIAL BUILDINGS

Our buildings are used as a tea room, swimming pool room or elegant restaurant, badminton court, exercise room or gymnasium, health club, meeting room, classroom or conservatory - any time of year by Schools, Hotels, Health clubs and Camping sites.

The system offers infinite opportunities bringing an outdoor environment indoors. Clear span widths from 5m to 25m (16ft to 82ft) with unlimited length.

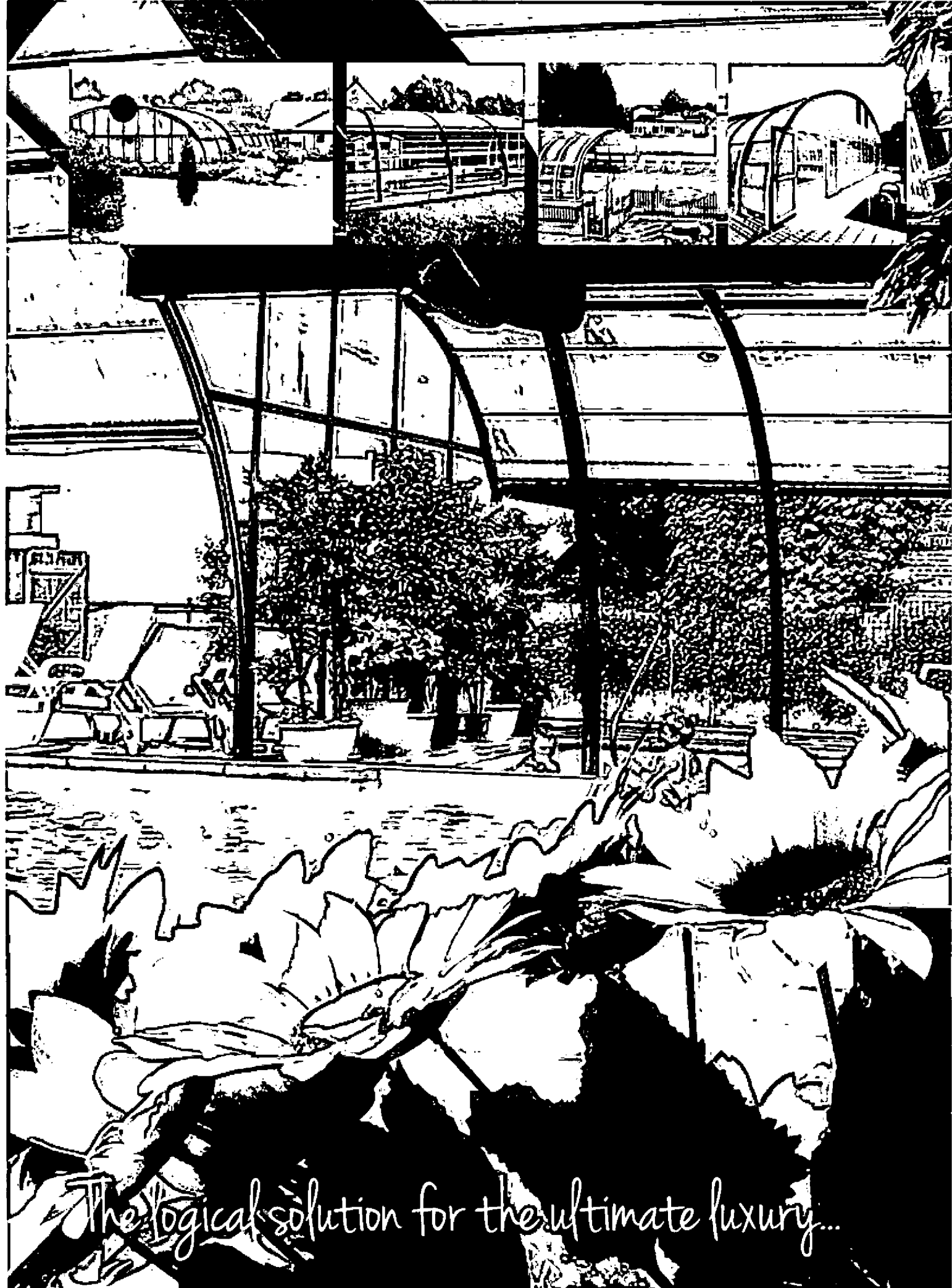
Most importantly

- Take control of the weather – wind, rain and cold.
- No cancellations due to bad weather- Income guaranteed!
- Daily timetable is guaranteed.
- There will be significant savings in running costs.

The enclosures offer new opportunities and increased profitability to commercial ventures by extending the season, increasing throughput and reducing costs.

A well-proven example of this are the revenue benefits accruing to restaurants by being able to enclose their patios in inclement weather, because all the side panels, which are usually 2m wide and 2m high, slide open into the roof, access to garden or deck is immediate and unobstructed.







Year Round Swimming

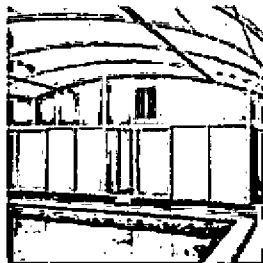
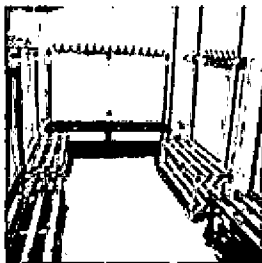
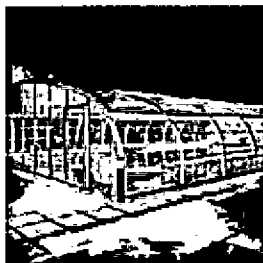
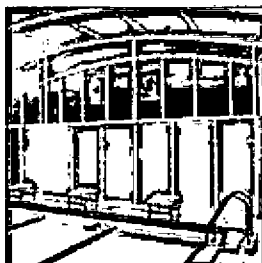
The affordable
solution to coping with
unpredictable weather.

AGENT STAMP



The Logical Solution

- * The patented designs are recognized as amongst the most innovative and technically up to date in the world.
- * The product is factually better and more advanced than any other on the market; it offers more features and more flexibility of design.
- * We offer a complete fixed price package: custom design, manufacture, construction and installation by our own engineers.



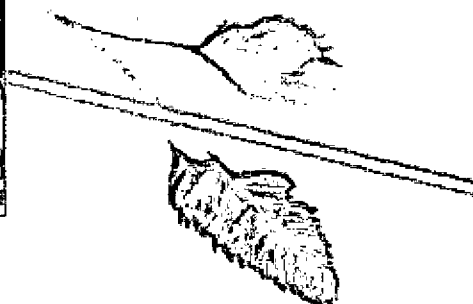
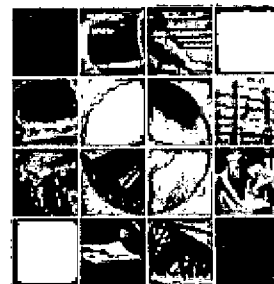
ARCH ENCLOSURES LTD

Tel: 01444.411411 • Fax: 01444.411376 • Email: enquiries@archenclosures.co.uk

Postal: P.O.Box 425, Haywards Heath, West Sussex, RH16 2YR, UK

www.archenclosures.co.uk

MAKROLIFE®



MAKROLIFE® is an outstanding co-extruded polycarbonate sheet with a highly protective UV-absorber on both sides. In MAKROLIFE® the high impact strength of polycarbonate has been combined with extra protection against UV-radiation and yellowing, which makes it appropriate for applications where glass is used today. The product provides a 50% weight saving compared to glass, it also has more than twice the impact strength of PETG and more than 10 times the impact strength of high impact PMMA.

Qualities:

- Double sided extra UV protection
- First UV-PC to pass the B1 (Din 4102) test
- Superior impact strength
- Light weight compared to glass
- Good fire behaviour classification
- Easily screen printed
- Can easily be formed in curved applications
- Excellent thermoforming properties
- Usable over a wide temperature range

Application areas:

Barrel vaults, roof lights, wide span architectural glazing, bus shelters, poster protection, skylights, greenhouses, covered walkways and sport arenas.

MAKROLIFE® makes the industrial standard in applications for vending machines, lamps, nurseries, public telephones, stairs, sound-protections walls and many others.

Available in:

Colours (as COLORADO™ UV) and textured versions (TEX™ UV and ANTI-REFLEX™ UV).

Cases above:

Swimming pool area
Bus shelter

ARLA PLAST AB

Box 33
590 30 Borensberg
Sweden
Tel +46 (0)141 20 38 00
Fax +46 (0)141 414 30
info@arlaplast.se
www.arlaplast.se

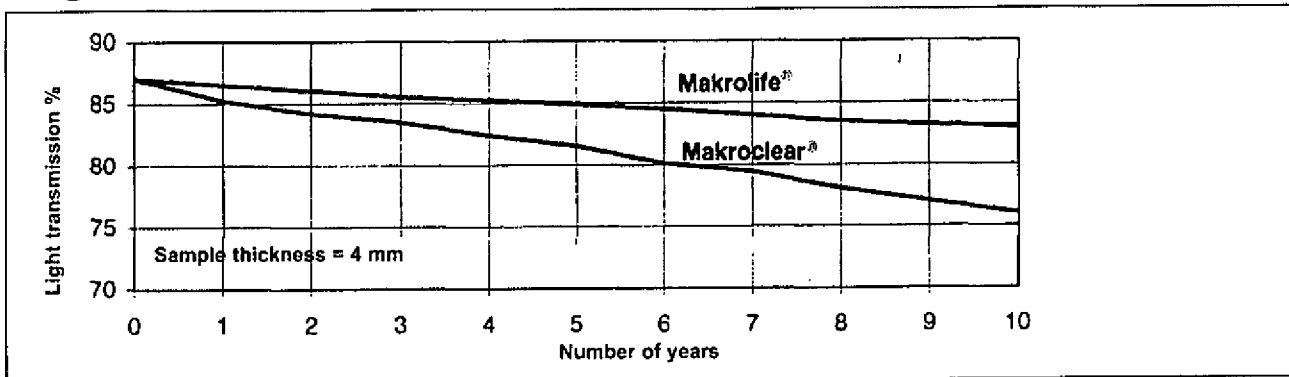


ARLA PLAST AB SWEDEN

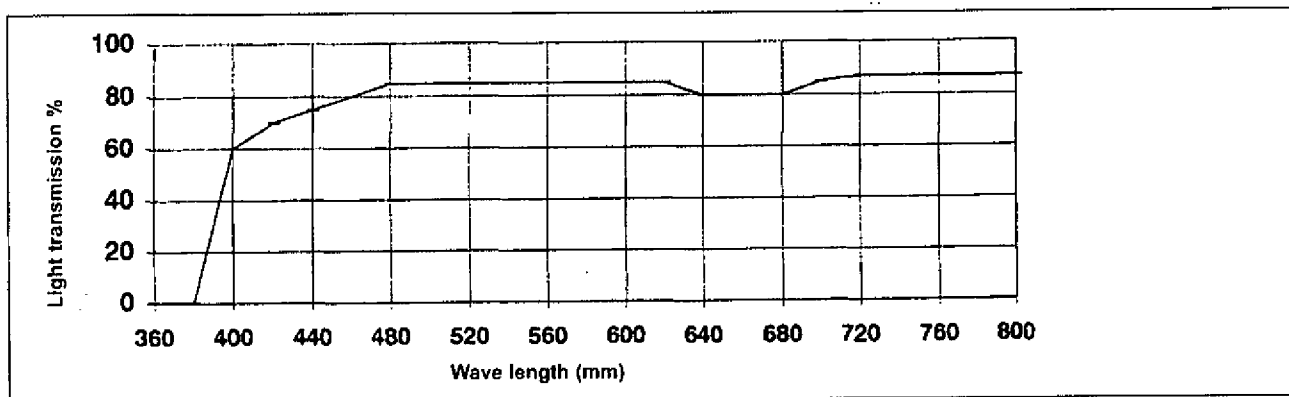
MAKROLIFE® Properties

Properties	Value	Unit	Standard
Tensile strength at yield (at break)	63 (70)	N/mm ²	ISO 527
Elongation at yield (at break)	6 (110)	%	ISO 527
Elastic modulus	2300	N/mm ²	ISO 527
Impact strength notched IZOD, +23°C	65	kJ/m ²	ISO 180/1A
Thermal conductivity	0,21	W/m, K	DIN 52612
Density	1,20	g/cm ³	ISO 1183
Linear coefficient of thermal expansion 23-80°C	0,70	10 ⁻⁴ x K ⁻¹	
Vicat temperature	>140	°C	ISO 306

Light transmission

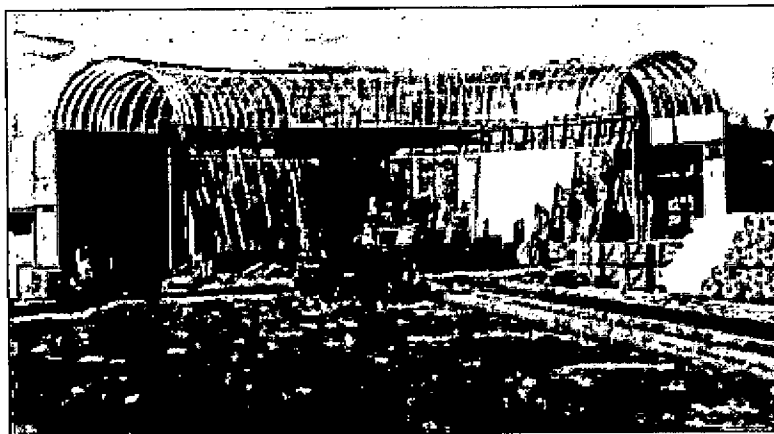


Spectral transmission, "MAKROLIFE® 4 mm"

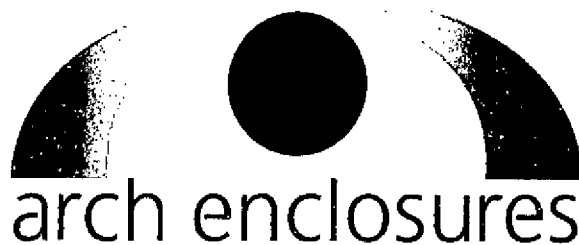


The above information is based upon experience and given in good faith. Due to many factors which are outside our knowledge and control, no warranty is given or is to be implied with respect to such information.

Arla sheets are produced from resins that are certified according to UL 94. Furthermore, several products have been tested according DIN 4102 (class B1 and B2), DIN 5510 (class S3, SR1 and SR 2, ST1 and ST2), BS 476 part 7 (class 1Y), NF P 92-501 (M2), CSE/75/A (class 1), CSE/RF/3/77 (class 1), UNE 23.727-90 (class M.4). A list of products that have been tested and their respective classification is presented on www.arlaplast.se. If information regarding classifications according to other standards is needed, it is often possible to retrieve information from our raw material suppliers. Please contact our technical support.



Shopping center glazing



March 2013

Dear Sir,

Re: Design & Access Statement for a light weight swimming pool enclosure for the existing outdoor pool at White Meadows Primary School, Whitelea Road, Littlehampton, West Sussex BN17 7JL

The enclosure will be free standing around the existing 14.3m x 7.35m pool. The size of the enclosure is 21.54m x 11.5m x 3.8m.

Swimming pools are expensive and valuable assets, it makes sense to enable them to be used throughout the year instead of leaving them idle for at least nine months of the year.

The persuasive arguments to enclose a pool include the reduction in the cost of heating, cleaning, chemical and general maintenance. A pool building will drastically reduce heating costs by retaining pool water heat. Even on dull days solar gain through the roof will provide free heat to the interior

. Very importantly a pool building will-

- Take control of the weather – wind, rain and cold.
- Guarantee the pools daily timetable.
- There will be no cancellations due to bad weather.

Allow the school to schedule the swimming curriculum over the entire school year instead of trying to complete the curriculum in only a few months of the year.

Allow year round swimming with other schools in the area, local community groups will now be able to use the facility outside of school use

The new structure has 'lightness of impact' as opposed to a conventional brick and mortar building and the cost of this type of enclosure is in the order of 30% of that of a brick built structure.

The safety aspect of being able to see into the building from the outside is considered important.

A conventional brick and mortar building will obliterate any view beyond in any direction, whereas the view is unobstructed in a polycarbonate enclosure, as can be seen from the attached brochure.

The main access into the enclosure is through a side entrance safety door.

Each of the 17 sections between the arches, each 2m wide x 2m high are also access and exit points, suitable for everyone regardless of disability, ethnicity and all social groupings.

ARCH ENCLOSURES LIMITED, REGISTERED IN ENGLAND NO. 7656970
P.O.BOX 425, HAYWARDS HEATH, WEST SUSSEX, RH16 2YR, ENGLAND
Telephone: 00 44 (0) 1444.411 411 Fax: 00 44 (0) 1444.411 376
WEB SITE: www.archenclosures.co.uk



The special side panels between the arches which are sliding windows. These windows give you three opening and ventilation options; fully open 2m x 2m, half open 2m x 1m or a ventilation slot (in the middle) of 10cm x 2m wide. (See attached photographs - windows)

The windows are made up in two sections. This allows the top half to be opened separately to assist ventilation whilst keeping the lower half in situ to ensure that any "unwanted guests" are kept away from the water. When both sections of the side panels are opened up, they slide open to a height of 2 meters, allowing easy access to through the sides to the surrounding areas, whilst still protecting the pool from direct sunlight. In addition to the security entrance door in the enclosure, these sliding windows being 2 meters wide also suitable for disabled and wheelchair access.

Many schools and community pools around the country have benefited from this type of enclosure which is Sport England approved.

The materials of the structure have all tried and tested to withstand the harsh environment of a swimming pool.

Aluminium

High Strength Aluminium - Quality 6063 – T5 (BS1474).

Powder coated aluminium in a choice of White, Dark Green, Cream or Brown.

Stainless Steel

Quality 316 2L

Maintenance free.

Walling and roofing - Makrolife - UV coated

Beyer resin flat polycarbonate sheet offers a superior glazing solution, particularly when safety and

impact resistance is of vital importance. The criteria for safe, attractive and practical glazing in sporting facilities, schools, hospitals and shopping malls are easily met through the use of Polycarbonate.

UV protection

Walling and roof panels have a high performance UV absorption layer co-extruded on both surfaces which prevents damaging UV radiation from penetrating the sheet. UV protection means longer life, preventing yellowing, and loss of strength. It cuts out 98% of harmful UV radiation, protecting those relaxing, playing or working beneath it

Properties

Light transmission DIN 5036, T.3 Clear 88%

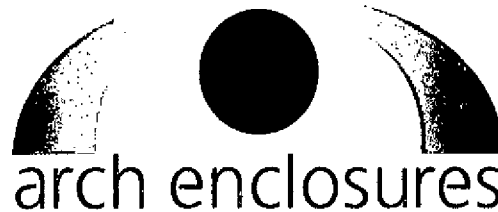
Weight is half that of the equivalent sheet of glass.

Makrolife Density 1.20g/cm^3 Glass Density 2.50g/cm^3

Fire Performance BS476 : Pt7 : 1987 Value 1Y

U Values Multiwall roofing 10mm = 2.5, 16mm = 2.0, 20mm = 1.8.

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Thermal transmittance - U Value. Std solid plate = 0.21 W/mK. DIN 52612

Polycarbonate sheet is self extinguishing and rated class1 for surface spread of flame.

Roofing Material - Twin, Triple and five wall Polycarbonate Sheets conforming to BS 476 part 7 - Class 1 spread of flames of UK Building Regulations.

Safety

With impact resistance up to 300 x times stronger than glass, polycarbonate remains virtually unbreakable.

Both access doors are security doors and are C/E rated

Economy

There is a lower financial investment. The enclosure cost is less than 30% of that of a brick and mortar building and takes less time to install.

Resistance to breakage reduces the building's maintenance costs and in addition polycarbonate helps reduce energy costs through its superior thermal properties over glass.

Durability

Beyer resin polycarbonate has an excellent resistance to weather and atmospheric conditions and offers a 10 year warranty against yellowing for continued performance in prolonged outdoor exposure. All the Beyer polycarbonate is manufactured by complying with international quality standards certified to BS EN ISO 9002.

Maintenance

The time and cost of maintenance of the enclosure is minimal.

High pressure water jet alone is usually enough for both interior and exterior.

For grease stains - lukewarm water with mild detergent, lightly sponge with cotton wool.

Rinse with clean water. Apply WD40 to locks.

There is no change to the existing vehicle access to the pool building.

The new structure will have no impact on the surrounding properties.

All planting as it now exists, will not change.

Should you require further information please telephone us on 01444 411 411

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