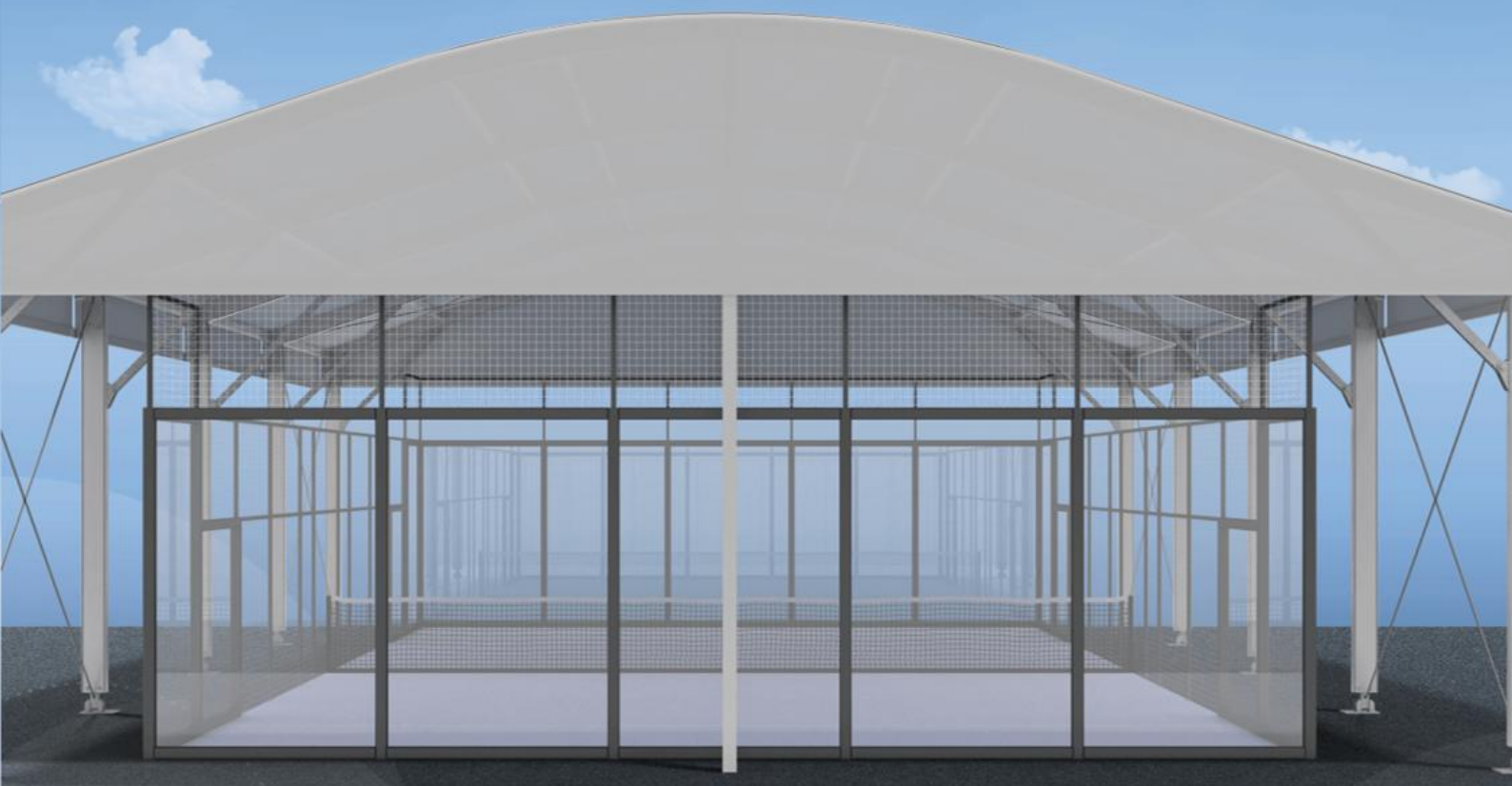
LAURALU
SPORT



PADEL 16

FOR ALL KINDS OF SPORTS

www.lauralu.fr



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Further to your enquiry, please find below the proposal for the supply and installation of a at your site location in **Manchester**
The price quoted is for the following specification:

Dimensions	**35.00mWide x 55.00mLength**
Eaves Height	**7.00m**
Ridge Height	**11.91m Approx**
Roof Type	**Insulated Thermo PVC Roof – Curved Roof beam**
Profile Sections	**410mm x 116mm**
Main Doors	**4x** 5mWide x 3mHigh Electric Retractable Doors **2x** Sets of Double Glazed French Doors
Personnel Doors	**2x** Emergency Pedestrian Doors – 1m Wide
Insulation Level	40mm Insulated Sandwich Panels to all **4x** Elevations & Acoustic Cladding to **1x** 55m Elevation
Windows	Polycarbonate Cladding 35mWide x 2mHigh
Guttering	PVC Guttering and downpipes Included
Cladding External Colour	**Black**
Foundation	**- Concrete Pads -**

Lauralu structures **are clear span with no internal cross bracing inside the building** so there are no restrictions on movement internally.

All our structures are manufactured in our own factory and our frames carry a 10 year guarantee and meet BS and Eurocodes for snow and wind loading. This guarantees that there are no insurance or health & safety worries.

I trust that this meets your requirements, but in the meantime if you have any queries please do not hesitate to contact me.

Yours sincerely,

Alex Jackson

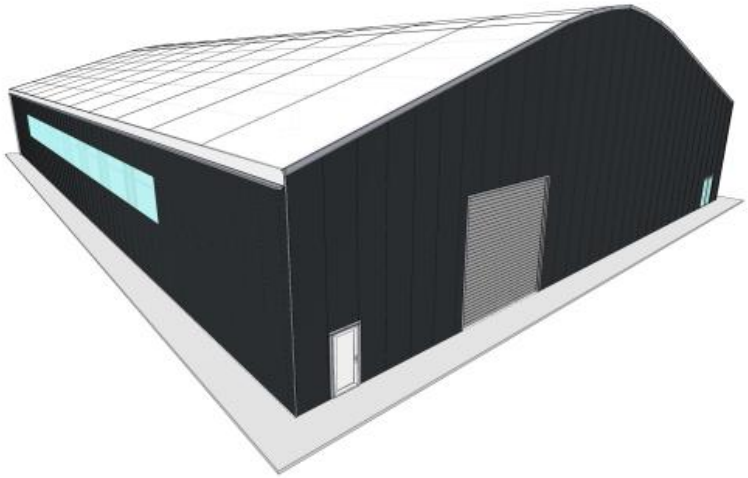
Area Sales Manager – North of England & Scotland

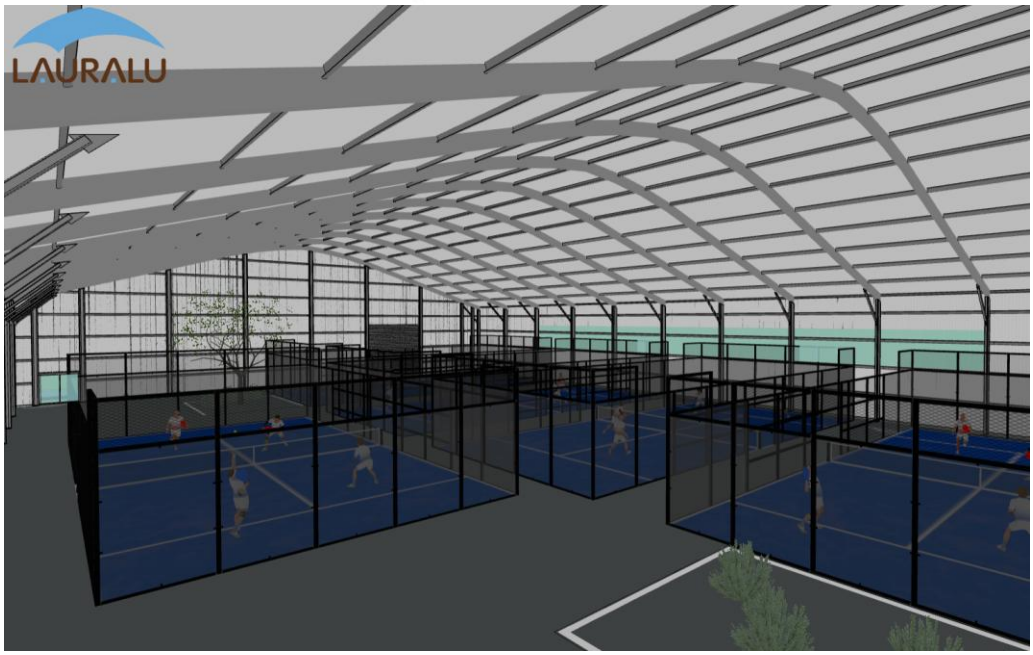
Mobile: 07706 313869 E mail: alexjackson@LauraLuindustry.co.uk

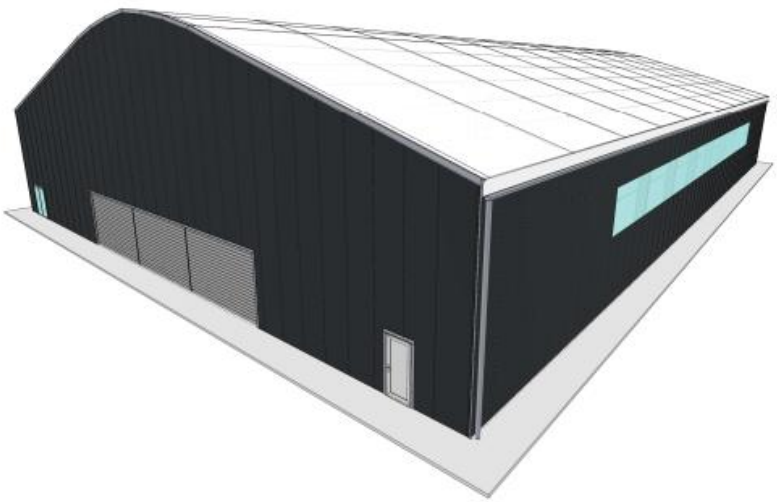


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Sketches below are for illustration purposes







LAURALU INDUSTRY
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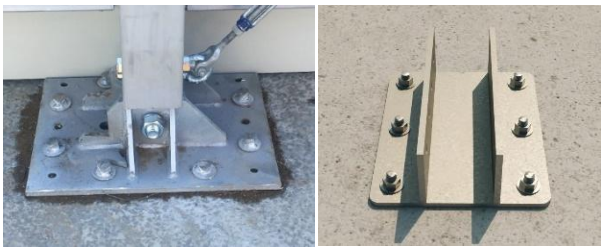
OUR FRAME / ALUMINIUM PROFILE

- 18 ° bi-slope frame (33% approx.)
- Standard structure span of 5m, in grooved aluminium profiles
- Rafters & uprights, and all purlins in aluminium profile
- Bracing cables for the long side positioned according to data from our design office, diameter 12mm for foot cables and diameter 10mm for roof cables
- Connecting pieces, bolts, base plates at the feet of galvanized steel posts

Fixing ground method: Post bases fitted with anchoring plates

Ground Fixing - Concrete

A rotary impact drill will be used to drill an 18mm x 150mm/180mm or 240mm hole, depending on the quality and covering of the surface. The hole will then be cleaned of all debris, caused by the drilling, and the appropriate sized anchor bolt inserted in to it (M16 X 150/180 or 240).



PVC GUTTER SYSTEM:

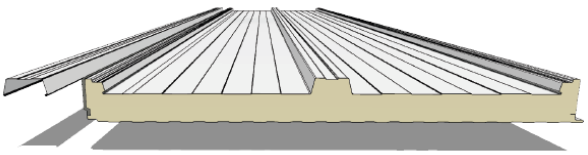
- Installing guttering down both side elevations
- PVC gutter ½ round, developed 330 mm
- Placed fixed on metal substrates at 50 cm
- Rainwater downpipes 125mm diameter, angled termination pending (connection not included)



SIDE WALLS & GABLES

40MM INSULATED CLADDING

- Double skinned rigid sandwich panels which are plastisol coated
- Exterior and interior sides in galvanized steel, lacquered in RAL 9006 grey exterior and RAL 900A2 or 9010 white interior (other colours available on request)
- Insulation in expanded polyurethane foam (PU), thickness 40 mm, coef U: 0.55 W / m².K
- Fire classification M1 and Eurocode B - s2 - D0



50MM ROCKWOOL CLADDING – Acoustic Cladding

- Insulation in mineral wool (LDR) thickness 50 mm, coef U: 0.75 W / m².K
- Inner layer: Micro-perforated steel for acoustic insulation 0.5 RAL 9002 (15µm)
- Fire classification M1 and Eurocode A2 - s1 - D0
- Fixing of the panels in three points (top, middle, bottom) by self-drilling sewing screws (same colour as the cladding)
- Finishes: corner sheets, edge sheets, L-shaped floor interface sheets, in galvanized lacquered steel.

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OUR ROOFING SYSTEM :

THERMO ROOFS

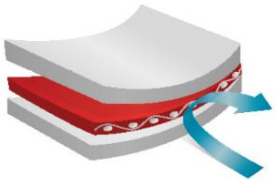
Principle :

- Covering process composed of modules with a pitch of 5 m inserted in the grooves of the frame profiles. Each ACS module consists of two pvc membranes assembled together connected by an air network.
- During installation, the modules are pressurized using a booster (mini compressor). The device is controlled by a regulating pressure switch and maintaining the pressure setpoint. The cumulative automatic daily regulation time is a few minutes (no noise, no maintenance) - power supply on protected line charged to the customer (220 V - 1A) (if non-lighting by Lauralu)
- Tensioning device made up of ballast bars and stirrups in galvanized steel ensuring perfect and permanent tension.
- 130X120mm section roofing faults

Composition :

- High tenacity polyester technical fabric coated with a PVC base multilayer Lowick coating and Cleanguard surface varnish finish
- The equivalent coating on both sides, incorporates anti-fungal, anti-UV, anti-fouling (cleanguard) treatments
- Outer membrane: approx. 680 gr / m². - Breaking strength 260/250 daN. Inner membrane: approx. 500 gr / m.
- M2 non-dripping and self-extinguishing fire classification (NF 92.503), Euroclass B / s2 / D0 equivalent (NF EN 13501-1)
- White colour (translucent material)





SYSTEM LOWICK

BENEFITS OF OUR UNIQUE LAURALU THERMO ROOF

Helps reduce thermal bridging

Helps reduce the Condensation inside the structure

Unique Air Mattress Between the two Canvas membranes

Gives better thermo insulation inside the building

Maintains a permanent tension of the canvas roof materials

Improves acoustics and atmosphere inside the structure

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Structural Calculations & Conformity

DURASTOCK complies with prevailing Eurocode standards applicable to textile fabric structures:
Eurocodes 0, 1, 3, 7, 8, 9 (EN 1990, EN 1991, EN 1993, EN 1997, EN 1998, EN 1999 and EN 13782 where necessary)

Our design office sizes the frame according to the climatic loads of the location of the installation.

Please feel free to check the link below to see the Wind & Snow calculations for your area.
https://www.dlubal.com/en/solutions/online-services/geo-zone-tool-snow-wind-and-seismic-zone-maps

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INSTALLATION :

Your DuraStock Structure is built by our own construction teams and project managed throughout from the first day on site, to handover day.

DuraStock complies with BS6399 defining the effects of snow and wind on buildings.

The engineering department designs the frame according to the location, giving site specific calculations on wind and snow zoning on every installation that is carried out.

Turnkey service, including the installation equipment required for assembly.

- Access equipment open to traffic and always available
- Surface evenness: maximum steady slope tolerance of 2% to 3%
- Floor made ready by the customer, capable of supporting the building as well as post base loads (see ground fixing)
- Underground services identification is the customer's responsibility



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