



Thermo Roofs for Temporary Buildings

Why Choose a Lauralu Thermo Roof?

Our Unique Lauralu Thermo Roofs:

- Are fully insulated
- Reduces condensation
- Offer full temperature control
- Allow natural light
- Reduce running costs



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Benefits of a Unique Lauralu Thermo Roof



Helps reduce thermal bridging
Reduces 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

The Principle:

- Covering process composed of modules with a pitch of 5m 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 pressurised 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.

The Roof's 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.
- White color (translucent material).
- 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).



Get in touch with one of our experts today to discuss your businesses demands for more space. Call us on 01827 215217.