

LightSite® CABIN SOLUTION

The houses are designed to be placed on point foundations made of either concrete or steel.

The houses have a self-supporting construction carried by the four corner profiles (more profiles for houses >4 meters in length). The house can be placed directly on the point foundations or delivered with adjustable feet to account for any height variations in the foundations.

Duelco A/S

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DATA

- Corrosion class according to ISO 12944, C2-C5
- Durability in air environments according to ISO 12944, M to H
- Enclosure class according to EN 60529, up to IP 55
- Building standard, Eurocodes
- Electrical standard, IEC 50/60 Hz

FLOOR

- 18 mm plywood with light gray non-slip foil
- 50 mm polystyrene (EPS); for fire requirements, 70 mm PIR achieves fire reaction D-s2-d0/EN13501-1
- 0.60 mm pre-painted steel plate Z275

WALLS

- 9 mm birch plywood
- 45 mm polystyrene (EPS); for fire requirements, 70 mm PIR achieves fire reaction D-s2-d0/EN13501-1
- 0.60 mm pre-painted steel plate Z275

CEILING

- 9 mm birch plywood
- 70 mm polystyrene (EPS); for fire requirements, 70 mm PIR achieves fire reaction D-s2-d0/EN13501-1

EXTERIOR ROOF SURFACE

- Fiberglass roof: t = 2 - 3 mm, 5-degree roof pitch made of fiberglass (standard for certain sizes)
- Gable roof: 10-degree pitch with 50 mm overhang made of 2.00 mm painted steel (standard)
- Gable roof: 20-degree pitch with 200 mm overhang, available in 2.00 mm painted steel (non-standard)
- Single-sided pitch: 10-degree pitch in 2.00 mm painted steel (non-standard)

DOOR

- Swedish quality steel door
- Available with single or double door
- Color: NCS 7502-B
- Corrosion class C3

SIZES

- Standard internal height: 2340 mm
- Max. internal height: ~3500 mm
- Max. external length: ~11500 mm
- Max. external width: ~3500 mm
- Max. total height: 4.2 m (due to transportation)

COLOR

- Standard color: Graphite gray NCS 7502-B (other colors available)

OPTIONS

- Cable coil room
- Partition walls
- Electrical installation – lighting/sockets, panels, grounding, lightning protection, UPS, etc.
- Cooling – free cooling, air conditioning, combo cooling
- Racks, fiber guides
- Atex