СКАЙДОМ.РФ
For several years we are working for giving people an opportunity to build amazing houses for themselves. Our employees were selected only according to the professionality and frenzy for the product, while people, choosing Skydome, are always different from total mass by their individuality. Sky, first of all, is the choice of the person, being free from stereotypes. Exactly for such people this brochure is dedicated.

SPHERE IS THE MOST STRONG FORM FROM EVER EXISTING

The house is so strong and safe as has never been before. Skydome is the single integral design thanks to which the external load is distributed evenly. The experience of our engineers in aerospace field has allowed us to integrate absolutely new production processes, as the result Sky has the strongest constructional connections.

NON-NEGOTIABLE COMFORT LEVEL
YOUR QUESTS WILL WANT TO STAY LIVING WITH YOU

Skydome is the unique construction, where is no internal structural walls, so it allows to create absolutely individual plan, considering all your wishes. Eco materials and natural air circulation create special health microclimate, positively influencing on the health and emotional state. You reduce the costs for heating in half, due to the dome shape and low heat losses.
ИННОВАЦИОННЫЙ ЭНЕРГОЭФФЕКТИВНЫЙ КУПОЛЬНЫЙ ДОМ ДЛЯ ПОСТОЯННОГО ПРОЖИВАНИЯ БОЛЬШОЙ СЕМЬИ
TOTAL AREA 260 M²
Living space 232 m²
Height from floor 9.27 m

PLAN OF THE 1ST FLOOR
Total area 152.5 m²
Living room 55.5 m²
Entrance hall 1 16.4 m²
Entrance hall 2 8.8 m²
Cloak room 1 4.13 m²
Cloak room 2 8.6 m²
Bath room 9.5 m²
WC 5.2 m²
Bed room 1 19.6 m²
Bed room 2 19.4 m²

PLAN OF THE 2ND FLOOR
Total area 106.5 m²
Mezzanine 23.9 m²
Children’s room 1 26.35 m²
Children’s room 2 29.35 m²
Bath room 11.9 m²
СКАЙ 13.5
TOTAL AREA 207 М²
Living space 183 м²
Height from floor 8.34 м

PLAN OF THE 1ST FLOOR

<table>
<thead>
<tr>
<th>Area Description</th>
<th>Area (м²)</th>
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<tbody>
<tr>
<td>Total area</td>
<td>124.7</td>
</tr>
<tr>
<td>Living room</td>
<td>48.35</td>
</tr>
<tr>
<td>Entrance hall 1</td>
<td>9.6</td>
</tr>
<tr>
<td>Hall</td>
<td>8.14</td>
</tr>
<tr>
<td>Bathroom</td>
<td>8.9</td>
</tr>
<tr>
<td>Bed room 1</td>
<td>18.2</td>
</tr>
<tr>
<td>Bed room 2</td>
<td>18.6</td>
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</tbody>
</table>

PLAN OF THE 2ND FLOOR

<table>
<thead>
<tr>
<th>Area Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Total area</td>
<td>106.5</td>
</tr>
</tbody>
</table>
TOTAL AREA 169 M²
Living space 147 m²
Height from floor 7.42 m

PLAN OF THE 1ST FLOOR

- **Total area**: 96.7 m²
- **Living room**: 32.29 m²
- **Entrance hall**: 10.25 m²
- **Hall**: 5.04 m²
- **Boiler**: 6.01 m²
- **Storage room**: 3.27 m²
- **Bath room**: 6.76 m²
- **WC**: 2.06 m²
- **Bed room 1**: 12.6 m²
- **Bed room 2**: 12.6 m²

PLAN OF THE 2ND FLOOR

- **Total area**: 71.5 m²
- **Mezzanine**: 15.8 m²
- **Children's room 1**: 14.21 m²
- **Children's room 2**: 17.95 m²
- **Bath room**: 6.95 m²
- **Cloak room 1**: 3.27 m²
- **Cloak room 2**: 3.27 m²
ИННОВАЦИОННЫЙ ЭНЕРГОЭФФЕКТИВНЫЙ КУПОЛЬНЫЙ ДОМ ДЛЯ ПОСТОЯННОГО ПРОЖИВАНИЯ БОЛЬШОЙ СЕМЬИ

СКАЙ 10.5
TOTAL AREA 123 М²
Living space 107 М²
Height from floor 6.48 м

PLAN OF THE 1ST FLOOR
- Total area: 74.25 М²
- Living room: 26 М²
- Entrance hall: 5.1 М²
- Cabinet: 8.12 М²
- Hall: 7.62 М²
- Bath room: 8.12 М²
- Bed room 1: 16.53 М²

PLAN OF THE 2ND FLOOR
- Total area: 32.5 М²
- Mezzanine: 11.9 М²
- Children's room 1: 15.8 М²
- Children's room 2: 15.8 М²
- Bath room: 6.6 М²
СКАЙ 9
TOTAL AREA 80 M²
Living space 66 m²
Height from floor 5.58 m

PLAN OF THE 1ST FLOOR
Total area 51.5 m²
Living room-studio 30.61 m²
WC 3.14 m²
Bedroom 12.45 m²
Hall 3.91 m²

PLAN OF THE 2ND FLOOR
Total area 27.5 m²
Mezzanine 4.69 m²
Bedroom 1 10.31 m²
Bedroom 2 11.53 m²
TOTAL AREA 34 m²
Living space 23 m²
Height from the floor 4.07 m
TOTAL AREA 34 m²
Living space 23 m²
Height from the floor 4.07 m
STANDARD SET

EXTERIOR

Roof
Split shingle from larch, 3 layer tiles with 400 mm length, metal from galvanized sheet, a cap at the top of the dome

Windows of the 1st floor
Energy-saving wooden insulated glass units with 2-chamber sealed double glass units

Windows of the 2nd floor
Dormer wooden windows of Vellux production. Drips, jamb, sill are included in the set

Dormer windows in the living room
Energy-saving wooden insulated glass units with 2-chamber sealed double glass units, wide opening central segment

CLIMATE

Insulation
The insulation of the external dome outline is 200 mm, ECO type insulation (45% flax, 45% weed, 10% lavsan)

Steam insulation
Membrane type steam insulation for avoiding of condensate entering into the insulation (put in the dome, interior walls and floors)

Hydro insulation
Membrane type hydro-and wind protection for avoiding of atmospheric precipitation entering into the insulation (put by the external outline)

INTERIOR

Doors
Interior doors from solid wood with all the necessary elements (handles, trim, hinges), entrance room is made from the solid wood or metal

Finish work of the dome
Finish work is made from cedar solid profiled panel. Wall framing is made from dry planed timber, assembled on the base of soundproof technology

Insulation/soundproof
Realized on the base of intermediate floors and interior walls-100 mm of Eco thermal insulation (45% flax, 45% weed, 10% lavsan)

Floor construction
Subfloor is made from water-resistant plywood; vibration absorbed base from foamed polyethylene; finishing coal is parquet board from larch, PVC floor borders, woodgrain

Stair
Straight, single-span stair from solid wood

STRUCTURE

Foundation
The set of piling fields on the steel boring piles. The penetration depth is according to the geological conditions, lower than frost depth. Concreting, reinforcing and binding are made by the profile.

Supporting structure
The external structure is made from bent constructive timber of special T type cross section; floor frame of the 1st and the 2nd levels is made from straight constructive timber of special made 2F type cross section

Frame connections
Steel central frame connections, 3 spatial crowns, connection floor plates, external frame connections by the outline (Steel 6mm, powder coating)

External frame covering
Covering elements of the external outline is made from dry planed beams for the external dome and floors of the 1st and the 2nd levels.

UTILITIES

Electricity
Distribution through the house is made according to the typical building layout (to the receptacles by the 3core 2.5 NYM grey corrugated pipe, to the lightning by 3 core 1.5 NYM cable), receptacles and switchers (Legrand Etika-frames and elements on the clamps); automatic is Legrand

Water supply
Distribution through the house from the entering point according to the typical building layout (PEX polymer tube for water supply, necessary connection elements), distribution header

Heating
Distribution through the house from the distribution header to the heaters according to the typical building layout (PEX polymer tube for water supply, necessary connection elements), distribution header

Canalization
Distribution to the consumers from input to the house according to the typical building layout (drain pipe, internal PVC 110, drain pipe, internal PVC 50, necessary connection elements, fittings)

Ventilation
Exhaust ventilation from WC, kitchen and kitchen equipment

WORKS AND ETC.

Fixing system
All the necessary fasteners and consumables for full house construction cycle

Works
Works organization and set assembly of the house with finish works (professional installation personnel + supervision of Skydom)

Delivery
By 40inch containers within Central Federal District, the delivery both in and outside Russia is possible

VELUX
legrand
VALTEC
FLAXAN
Tyvek
fister
OPTIONS

EXTERIOR
- Roofs variants: aluminum tile, ceramic tile, cedar shingle
- Dormer vertical windows
- Window-balcony
- Terrace around the perimeter of the house
- Landscape design
- Small architectural forms (garden-houses, parking, sauna/bath house)

COMFORT
- Alternative Eco-insulation (cork)
- Louvres
- High sound proof
- Air Quality control system (filtration, treatment, humidification)
- Air conditioning

INTERIOR
- Design project
- Wall finishing materials (black alder, lime tree, sheet materials for further painting)
- Floor material (solid oak, birch, tile flooring)
- Figured made segmented flooring
- Wood craft (wood binding and painting)
- Spiral stair
- Fire place

STRUCTURE
- Insulated monolithic slabs
- Frame adaptation for the operation in the extreme weather conditions

UTILITIES
- Complete solution by the external utilities
- Smart house (control and remote control)
- Heating boiler (Eco-boiler, pellet boiler)
- Heating elements (headers, heat-insulated floor)
- Alternate energy sources (solar batteries block, wind-powered turbines)
- Water preparation (well arrangement, filtration and treatment systems)
- Digestion tanks and waste water treatment systems

WORKS AND ETC.
- The delivery both in and outside Russia
- Constructions in severe weather conditions (winter, extreme temperatures, high-mountain)
- Site improvement
ADVANTAGES

RUSSIAN INNOVATIONS

FROM A TO Z
We do not sell the projects separately or the house frames only. We built it completely by ourselves and bear the full responsibility for what we do.

24/7
We leave the object only when it is fully ready. Our employees are always online and ready to answer on any question.

COMPLETE CONTROL
From the first day of the construction we install video camera on site and you can control the process in anywhere in the world.

THROUGHOUT THE COUNTRY
The set of our house is placed in 40 inch container and ready for construction anywhere in the world.

HEALTHFUL MIND
All our employees go in for sports and have proactive altitude.

SHORTEST CONSTRUCTION TERMS
Are achieved by us due to the full set of house preparation on the production.

IN THE SPIRIT OF THE GREATEST
Golden section rule is in the base of the construction.

10/25
Guarantee for works/guarantee for materials.

PROFESSIONALITY
We use only the best materials and work especially with the qualitative professional tools.

IN THE SPIRIT OF THE GREATEST
Golden section rule is in the base of the construction.

8 800 100 72 93
+7 495 726 37 55