

A young woman with long, wavy brown hair is the central focus, standing in a locker room. She is wearing a white short-sleeved athletic jersey with a crest on the left chest and a small patch on the right sleeve. She is also wearing blue athletic shorts with a crest on the left leg. She is looking directly at the camera with a neutral expression. The background is a locker room with blue lockers, a red carpet, and other people in the distance, all slightly out of focus. The lighting is warm and dramatic, highlighting the woman's form.

**moduliq™**

**Catalogue  
2024  
Sports  
Facilities**



# Modular Structures

Every sports centre needs basic facilities: changing rooms, showers, toilets, perhaps a small café or a gym.

This is where **moduliq** comes in.

For many years, we specialize in modular structures.

We are fast, we are reasonably priced and most importantly, we are uncompromising when it comes to quality.

See what we can do for you.

**moduliq**<sup>TM</sup>

A young man with a beard, wearing a black hoodie and a black cap, is sitting on a bench in a locker room. He is surrounded by hockey equipment, including helmets and sticks. The locker room has red walls and lockers. The lighting is warm and focused on the man.

# Changing Rooms

The standard unit is 3 meters wide and either 6 or 8 meters long. This is because we produce the structures in our factory and deliver them to you on a truck.

However, we are also connecting more units together, building facilities of practically any size.

Or, we can build structure of any size on-site.

**moduliq™**



# Showers and Toilets

We deliver the structures fully equipped and fully functional.

All the piping is included, we only need to connect to the local source of water and sewage.

We know the need of sports centers.

We are using heavy-duty batteries, doors and other components so that your showers and toilets withstand the extreme use by athletes and children.

**moduliq™**



# Offices

Managers of sports centers need offices, coaches need space for administrative or educational work.

Our modular structures are well suited to serve those needs.

Year-round temperature control ensures best working conditions for your team.

The insulation properties of our sandwich-panel walls are equal to those of brick-and-mortar houses.

All the wiring such as electricity and data cables is included.

**moduliq™**



# Restaurants

Many sports centers build a small restaurant or café as a perk to their visitors or as a means of additional income.

Our modular structures come with the necessary ventilation, piping, door types and all the technical and hygienic details.

We unload it from a truck and connect to water and electricity. You use it.

**moduliq™**



# Gyms

Yes, we also build gyms of any size.

Often, the gym is built higher than standard 3 meters to offer additional space to athletes plus ample oxygen. Therefore, two modules are sometimes connected to each other, increasing the ceiling height.

The gym floor must withstand very heavy use so we are enforcing it with additional supporting elements and extra layers of flooring (typically steel frame with additional ribs, sandwich panel, OSB panel, strong sheet metal and a special rubber floor).

**moduliq™**

Finishing wall panel with decorative surface

S-350 galvanized, painted steel frame

3-layered PVC windows

PIRTECH 100 polyurethane core sandwich panel

Any smooth surface

Internal water drainage inside the whole structure

**moduliq™**







Top tennis players,  
football representations,  
NHL ice hockey players - all  
are using the **moduliq** sports  
facilities.

Their trust is our  
commitment.

**moduliq**<sup>™</sup>

# TECHNICAL SPECIFICATIONS

The core of PIRTECH **sandwich panels** is rigid PIR polyurethane foam with a bulk density of  $40.0 \text{ kg/m}^3 \pm 3 \text{ kg/m}^3$ . Steel sheets protected with a layer of zinc and covered with one of the organic coatings or an aluminum-zinc coating are used for panel cladding.

**Frames** made of 3mm thick S350 structural steel profiles, hot-dip galvanized, additionally painted with primer. Water drainage system in the form of drainage pipes with a diameter of 75 mm installed in the corners. The steel structure is reinforced and specially adapted to the installation of sandwich panels.

The **roof** is made of sandwich panels, sealed and protected with special liquid rubber. An additional element of the roof is a special "tropic" sheet.

The **floor** is made of sandwich panels on a reinforced structure ensuring durability and hardness. An 18-22 mm thick OSB board is placed on the PIRTECH board layer. For an additional fee, at the customer's request, the OSB board can be replaced with a waterproof "plywood" board. The floor prepared in this way is finished with, for example, vinyl panels, ceramic tiles, carpet, etc.

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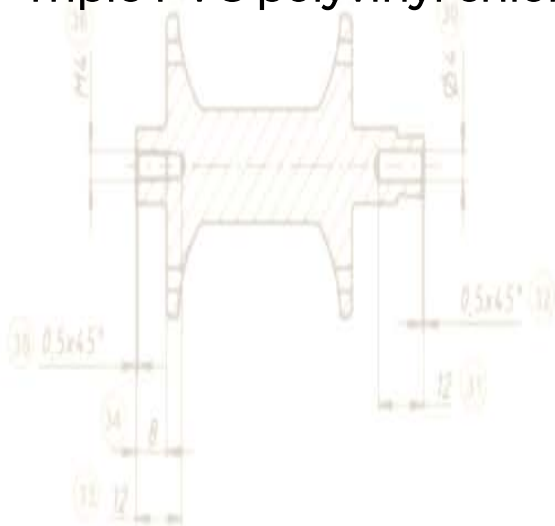
# TECHNICAL SPECIFICATIONS

The standard includes Armstrong type suspended cassette ceilings (60cmx60cm) on a steel grid - white, lightweight Savanna type filling. It is possible to change the color and filling - additional fee. The ceiling is equipped with LED coffer lighting as standard.

**Sewage** installations in plastic PVC pipes  $\varnothing 50$  and  $\varnothing 110$ . Most of the water (supply) installations are hidden behind casings (sheet metal flashings).

**Electrical installation** with non-flammable cables. All installations hidden in wall panels and led above the suspended ceiling to the switchboard. Switches and contacts - surface-mounted. Ventilation in modules is used depending on the purpose - mechanical or gravitational.

Triple PVC polyvinyl chloride **windows**.



General tolerance DIN ISO 2768 -medium  
Deburr and break sharp edges 0,1-0,3mm  
Scratches and dents are not acceptable

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			A3
Date	Initial		
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		21	

**moduliq™**

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