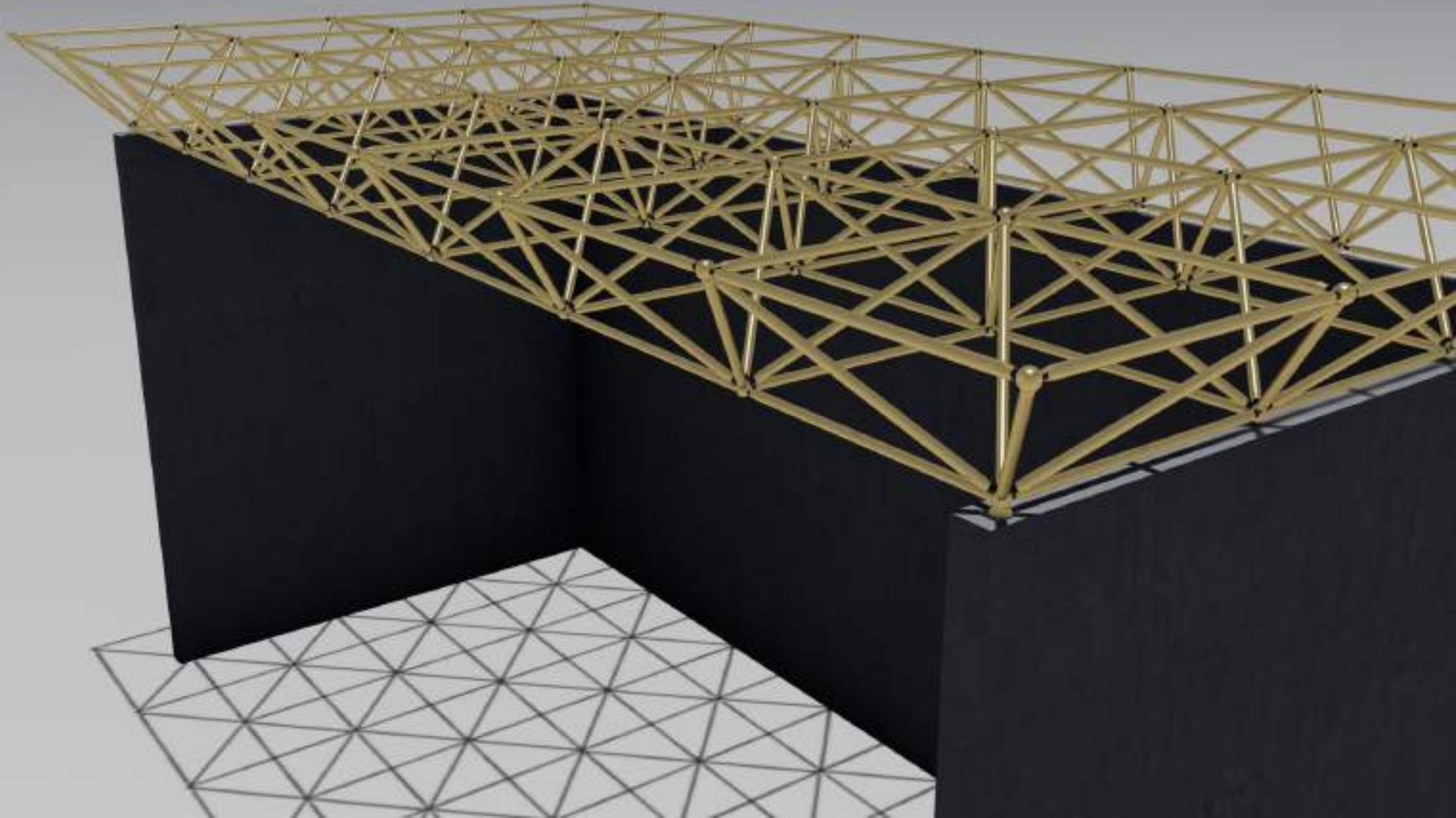
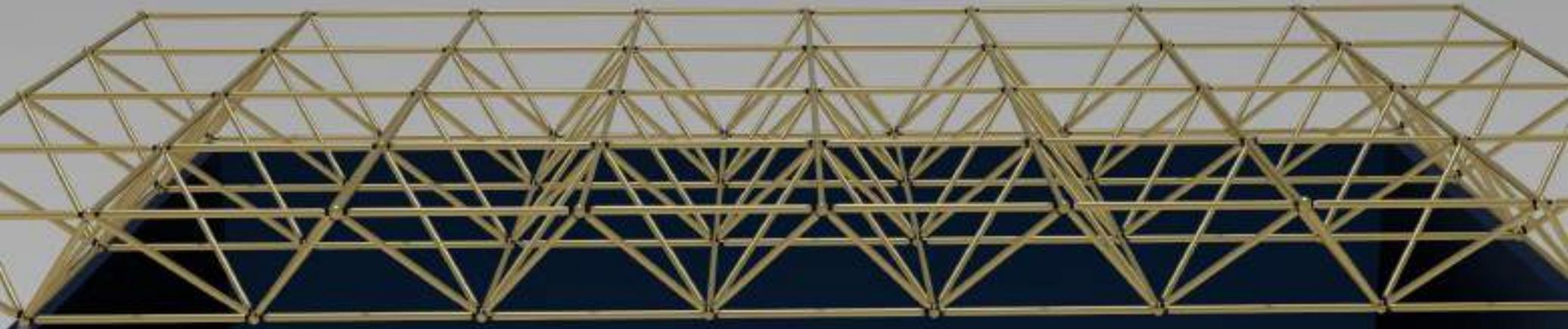




JUNNARIT SPACE FRAME SYSTEM



- **About Junnarit space frame system**



- Space frame is a rigid structure with truss-like composition that consists of several struts that are interlocked in a geometric pattern. one of the biggest advantages of a space structure is its strength, which allows for the creation of large areas with little to no internal supporting structures .

our services



Design

- Our engineering office designs the space frame system according to the requirements of the project and provides the engineering drawings necessary for manufacturing



Manufacturing

- Manufacturing all parts of the space frame system in the company's factory, according to the approved engineering drawings

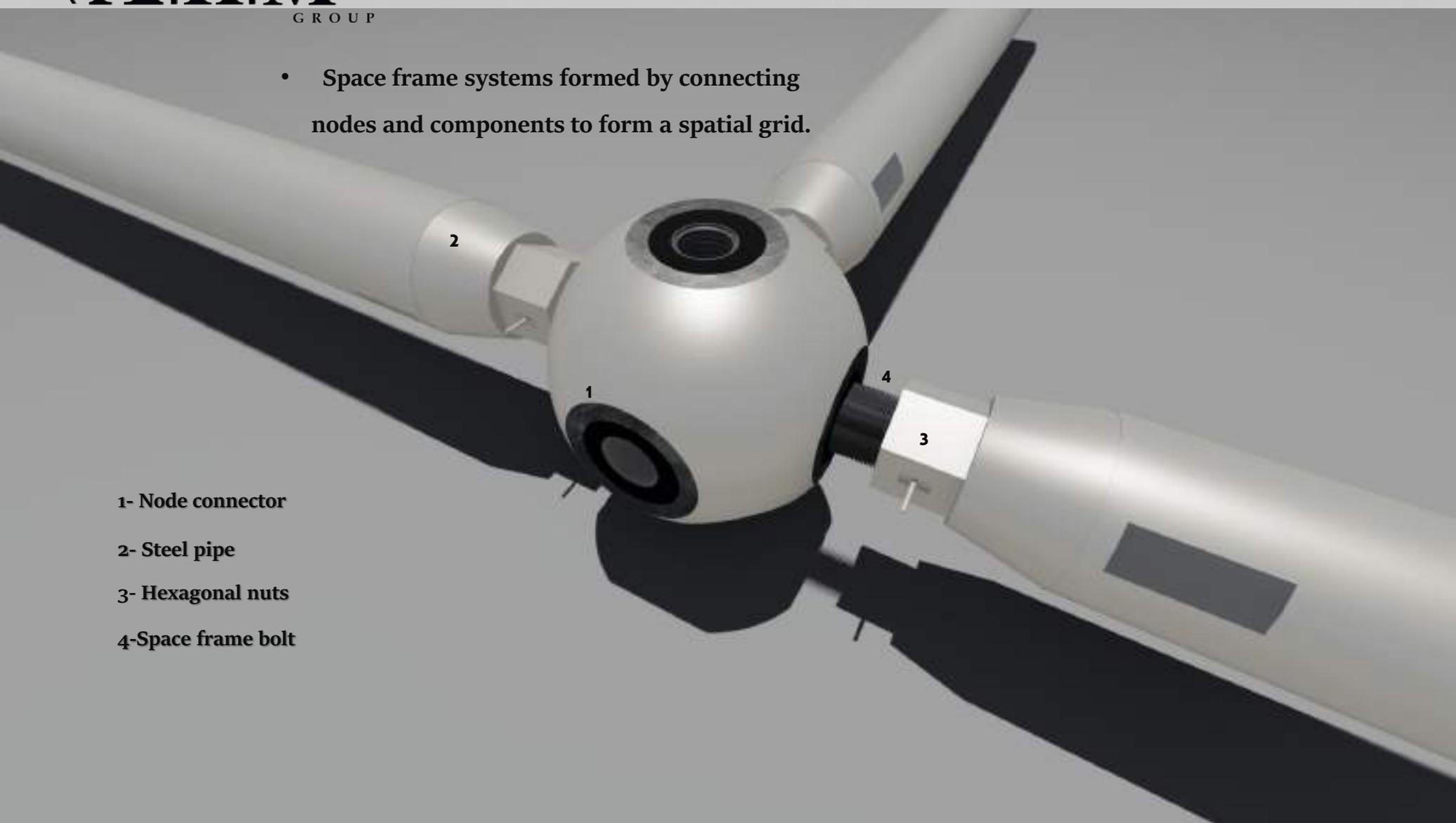


Installation

- Supplying and installing a space frame system at the project site and completing the required work with a high level of quality and accuracy

- **Parts of junnarit space frame system**

- Space frame systems formed by connecting nodes and components to form a spatial grid.

- 
- 1- Node connector
 - 2- Steel pipe
 - 3- Hexagonal nuts
 - 4- Space frame bolt

- **Parts of junnarit space frame system**



1- Node connector

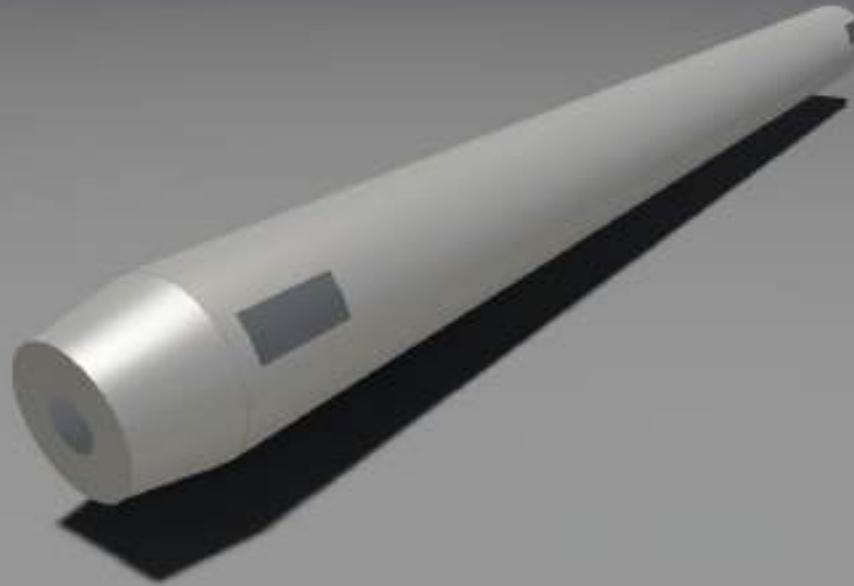


- The bolted ball is inseparable in the process of space frame processing. It is one of the important components . It can assume the role of connection and support in the structure. If the quality of the bolt ball is unqualified, it will affect the processing quality of the space frame.

- **Parts of junnarit space frame system**



2- Steel pipe



- Steel pipe are important components that connect tension and compression members .
- Steel pipe nodes are typically composed of multiple steel pipes and cone, which are connected by welding .

- **Parts of junnarit space frame system**



3-Hexagonal nuts

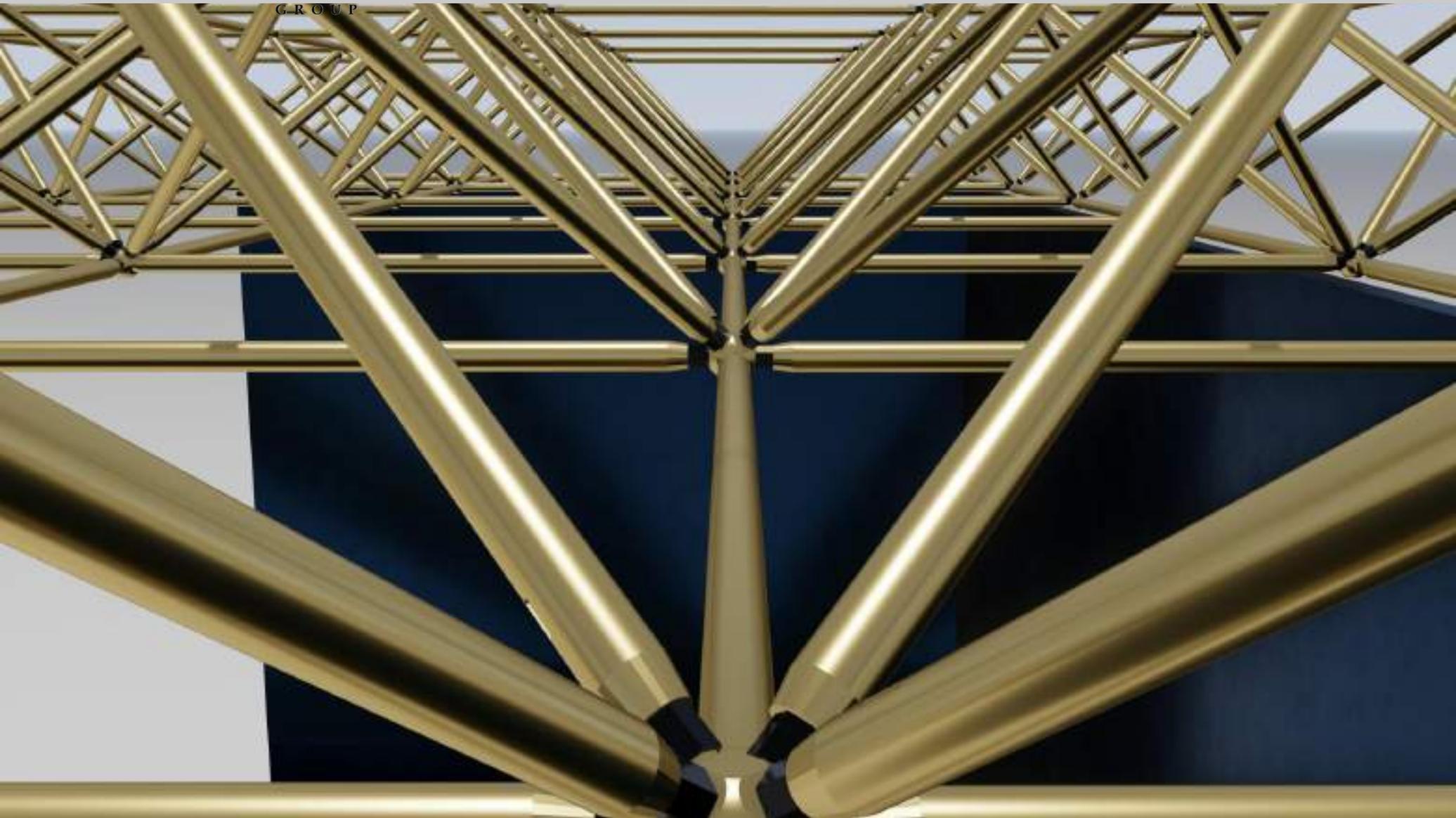
4-Space frame bolt



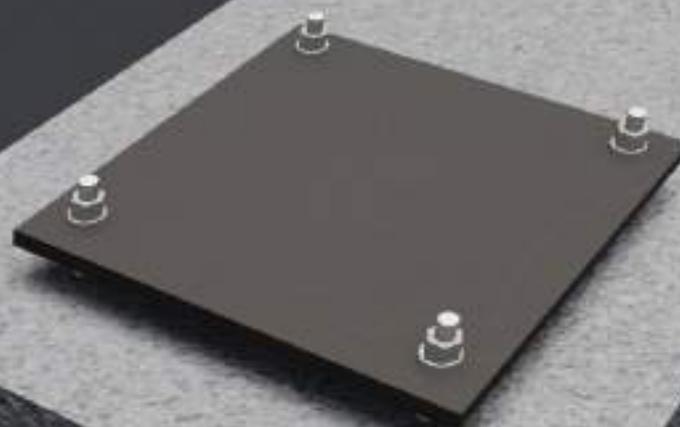
- The installation process depends on the tight connection that takes place between the node connector and the pipes , and this process is done by inserting the nail from the hole designated in the pipe
- Hexagonal nuts are used to tighten the bolts with wrenches with pins inserted into the pipe



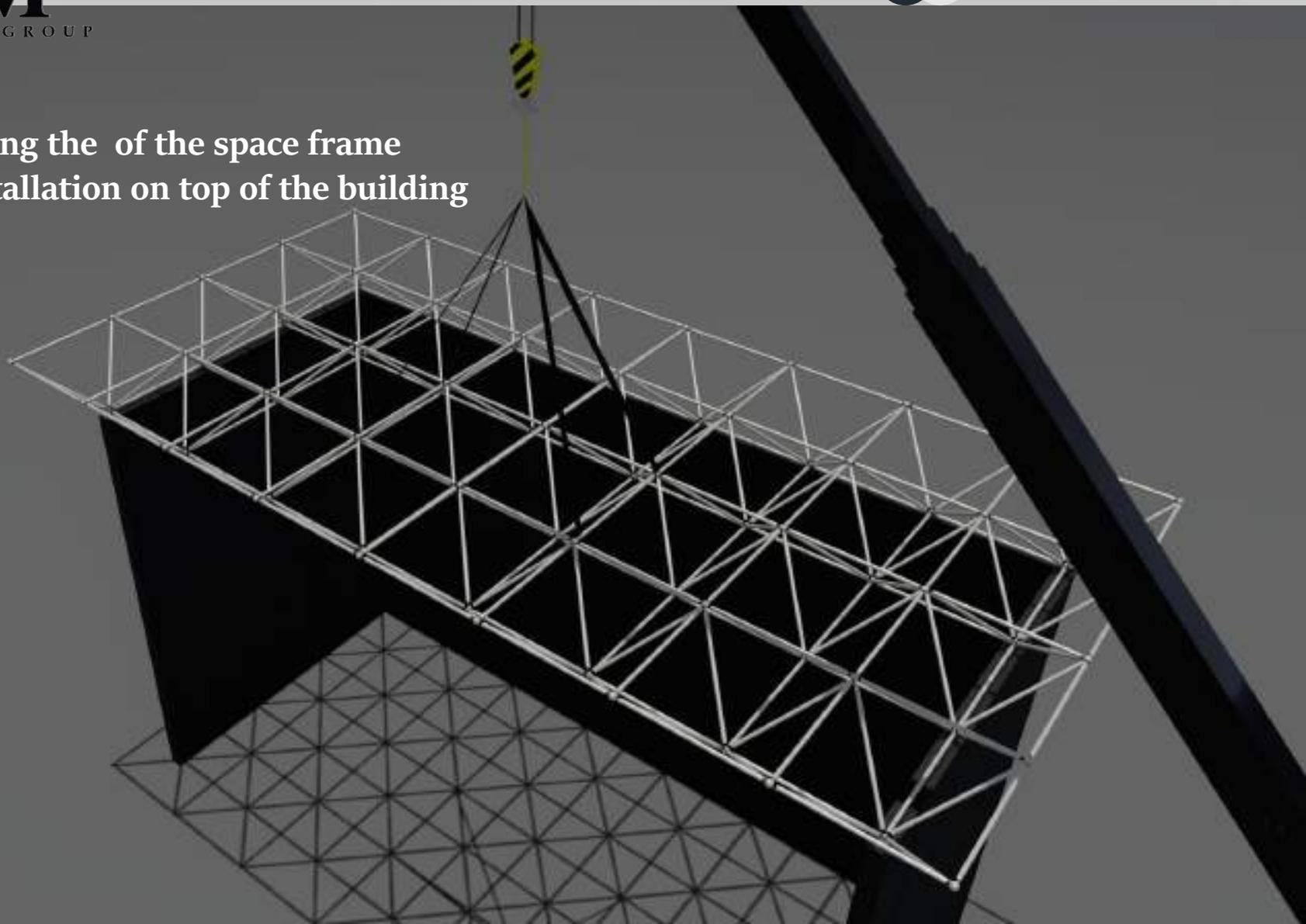
Installation



- The base metal is installed on top of the concrete structure

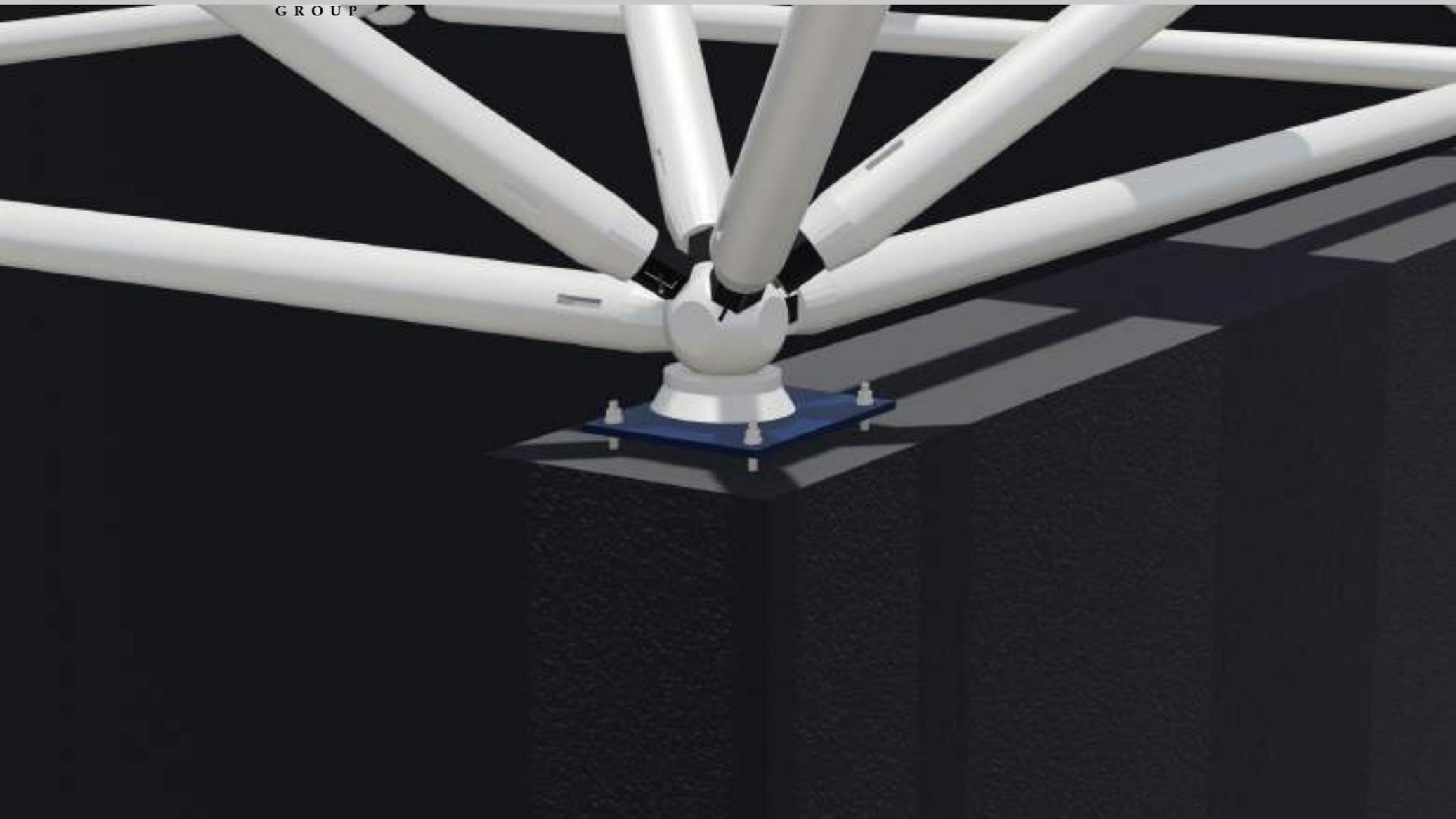


After assembling the of the space frame system, it installation on top of the building

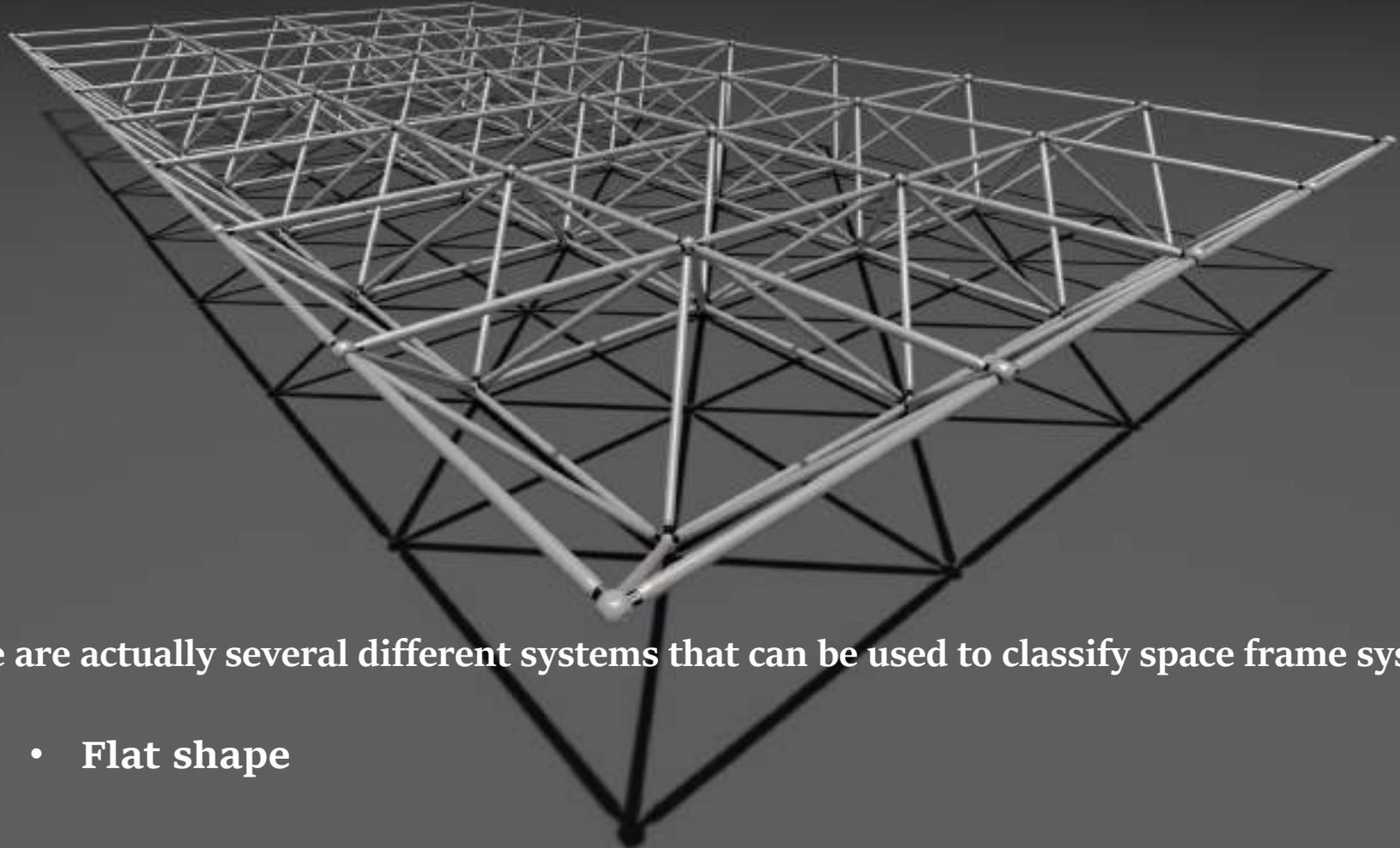




Installation



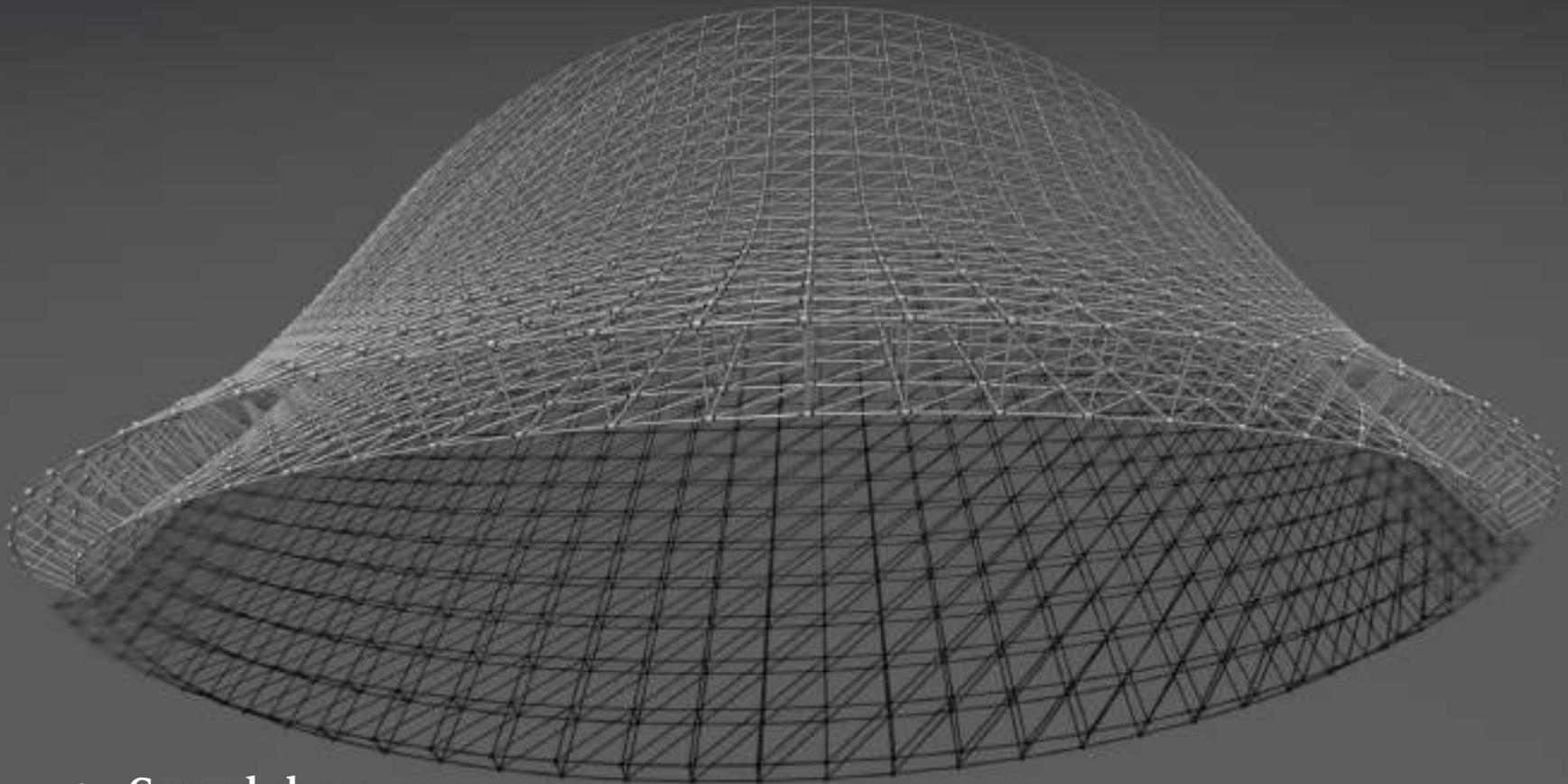
- **Types of junnarit space frame system**



There are actually several different systems that can be used to classify space frame system

- Flat shape

- **Types of junnarit space frame system**



- **Curved shpae**

- **Junnarit space frame system with covering**

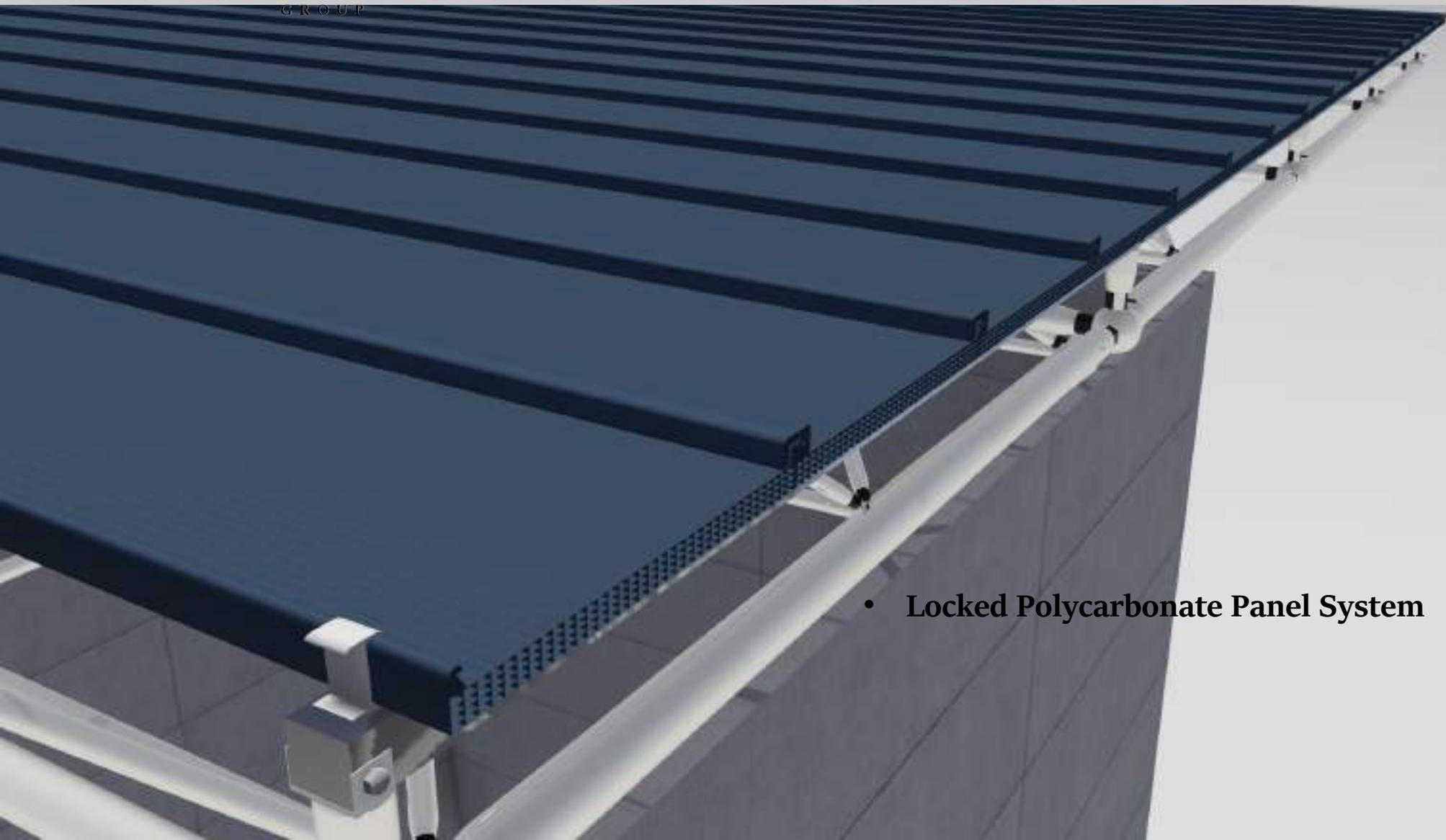


- Our company provides the possibility of covering the space system through polycarbonate - Megalux .



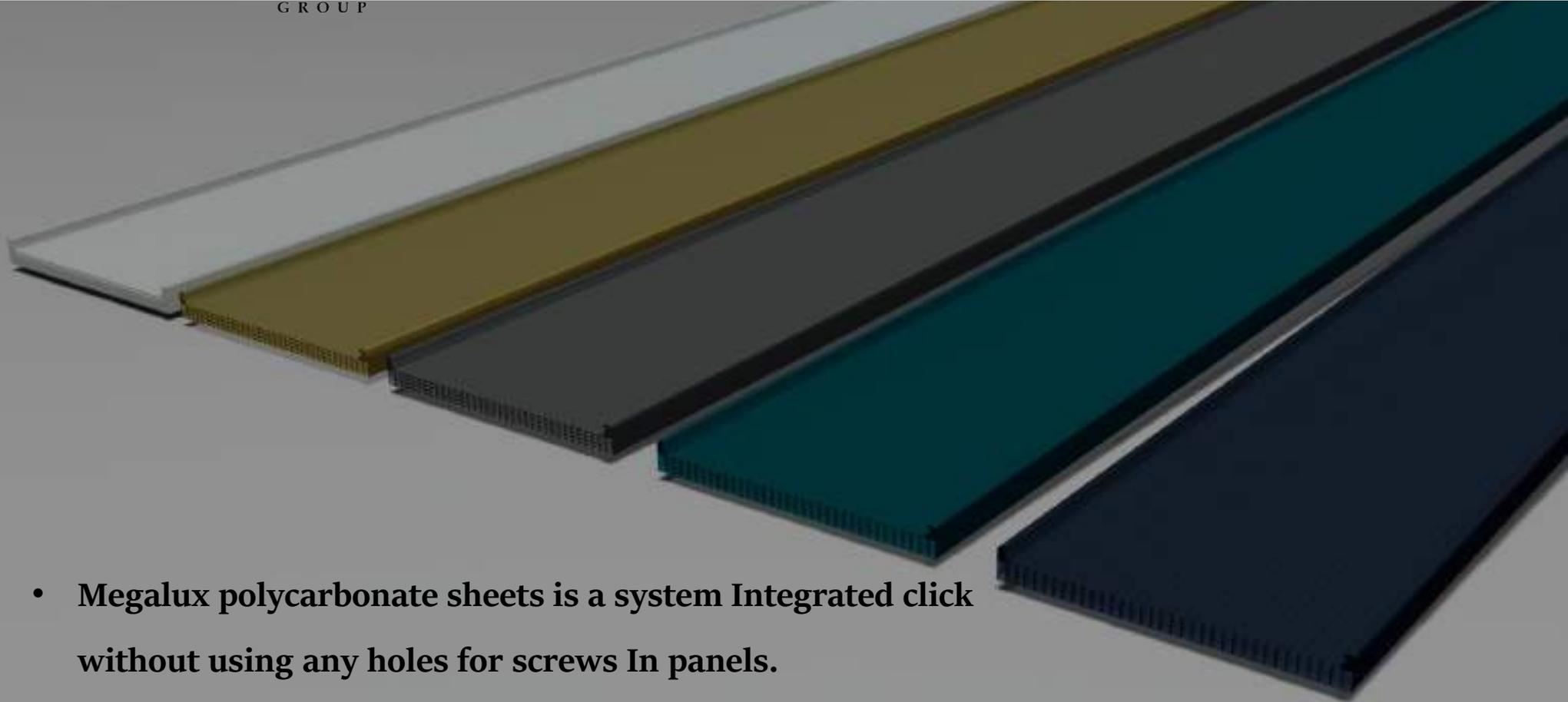


»» Polycarbonate - Megalux

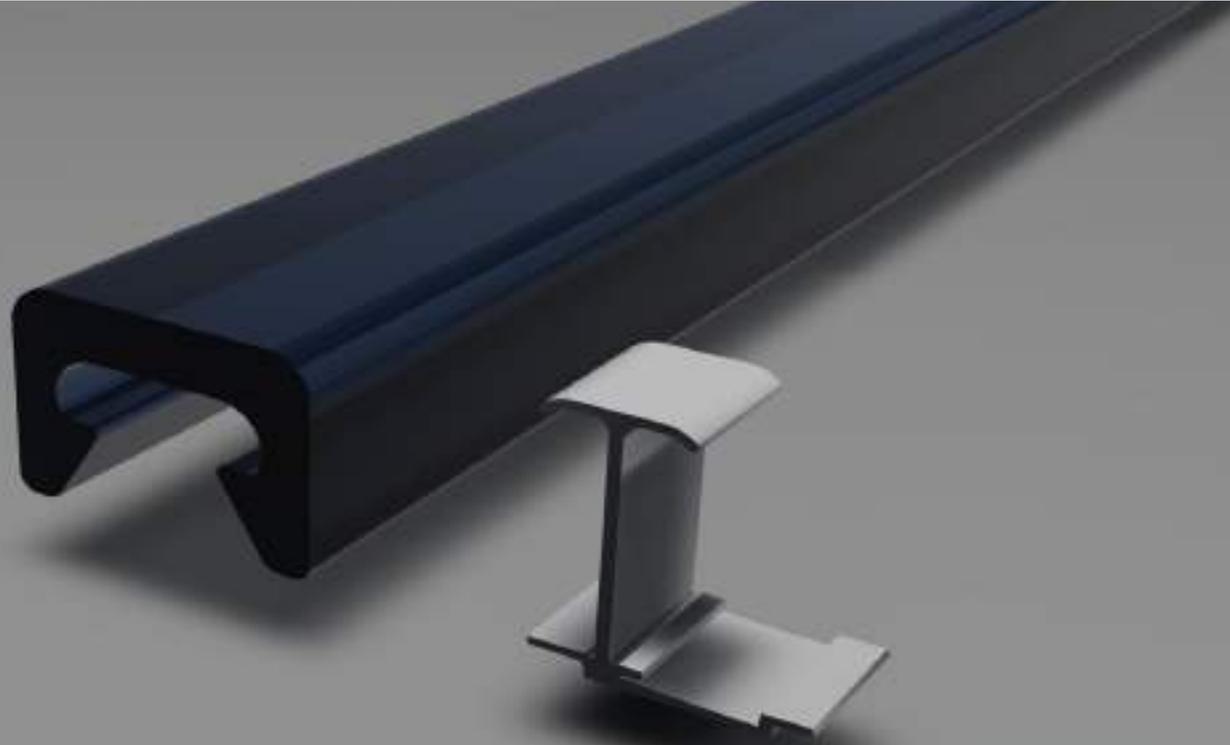


- **Locked Polycarbonate Panel System**

- **About polycarbonate - Megalux**



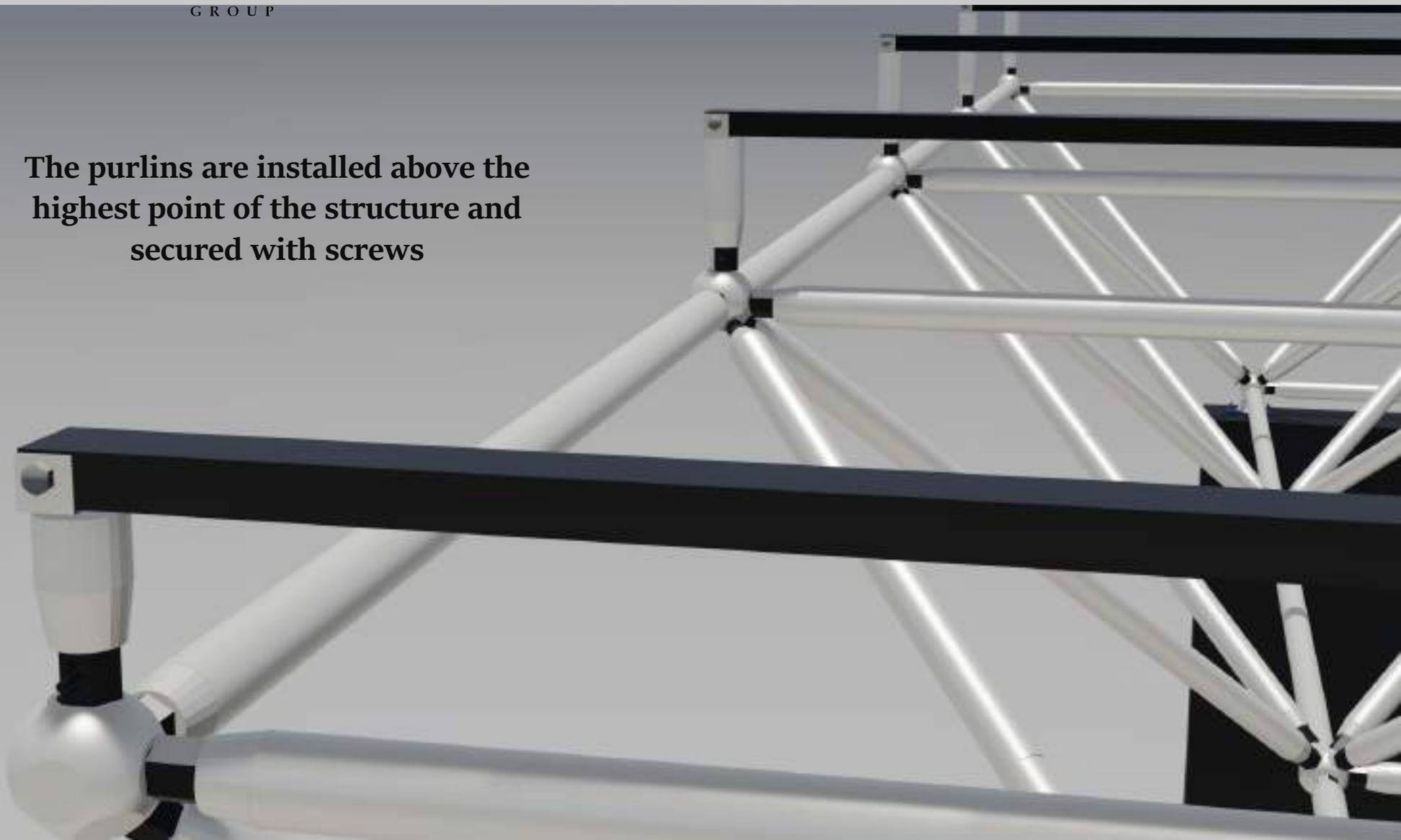
- Megalux polycarbonate sheets is a system Integrated click without using any holes for screws In panels.
- Thicknesses : 10 mm - 20 mm - 32 mm
- The length of the sheet is 12 m



- Polycarbonate snap on and aluminum hock connection that can be attached to the tabs on both sides of Megalux panels provide easy and safe installation. In this way, the system shows excellent water and air insulation performance and very good resistance against high roof and facade loads.

»» Installation Polycarbonate - Megalux

- The purlins are installed above the highest point of the structure and secured with screws

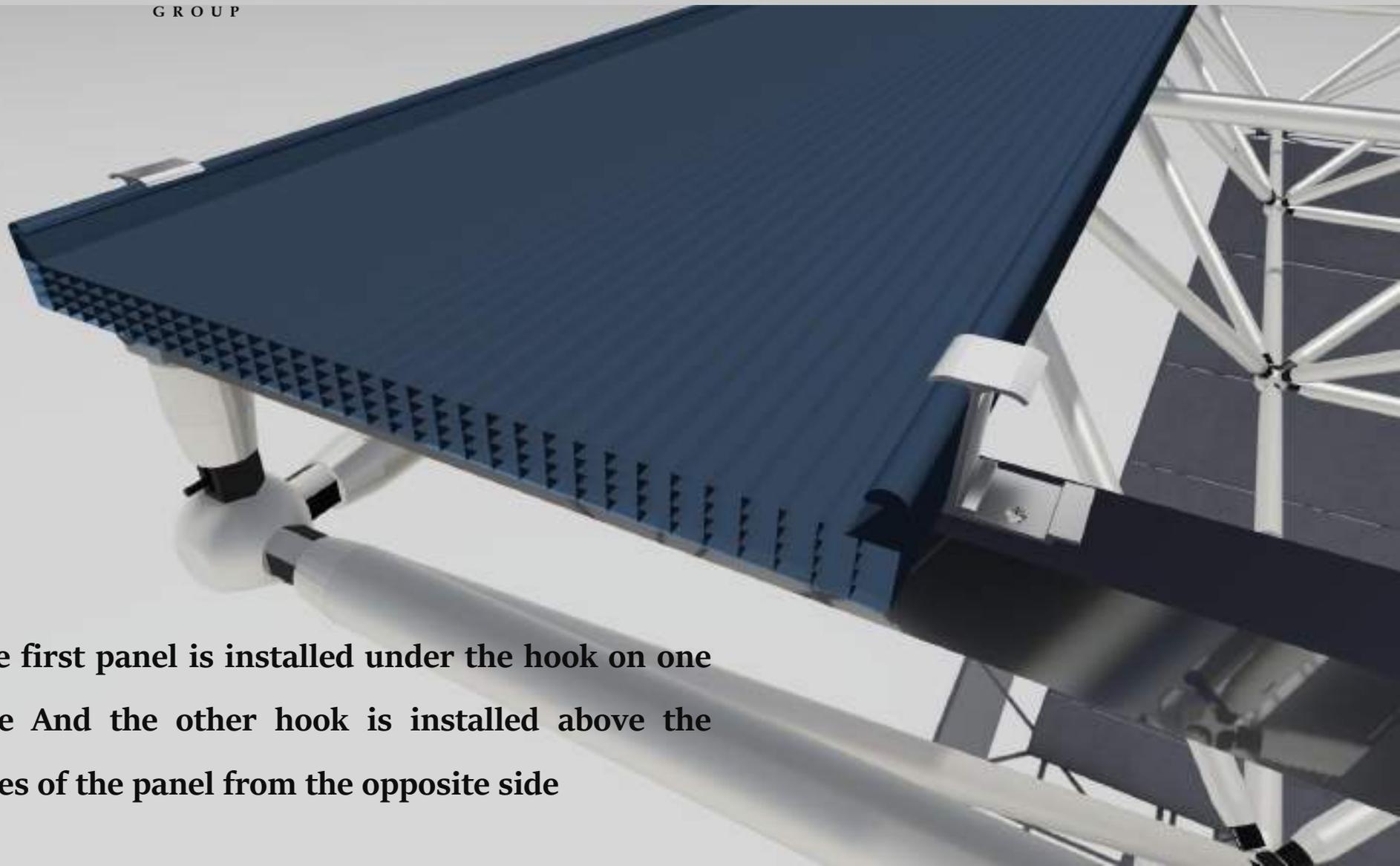


»» Installation Polycarbonate - Megalux

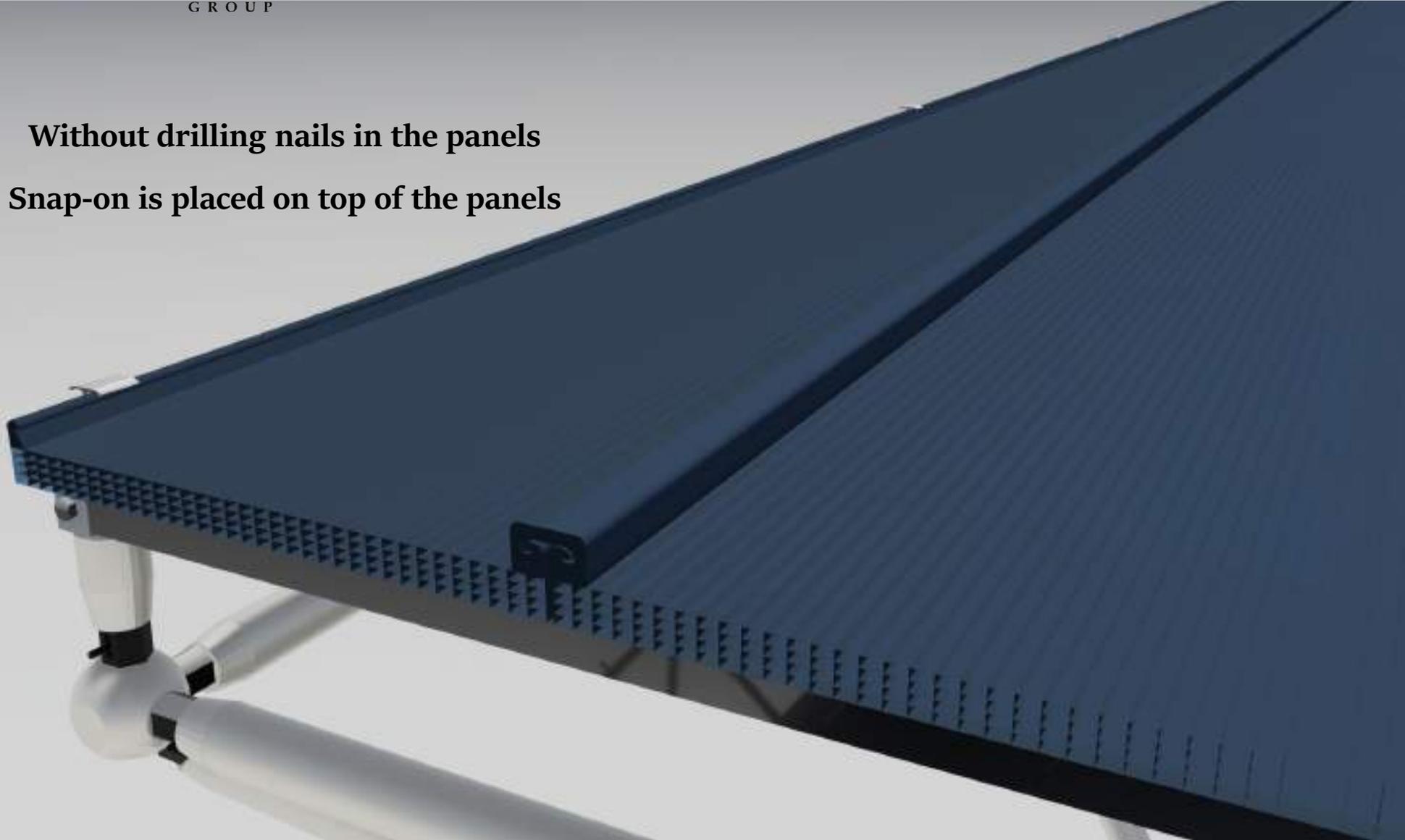
- The hook is install on the purlins using screws on the ends of each outrigger and the top of each tube of the space frame system



- The first panel is installed under the hook on one side And the other hook is installed above the sides of the panel from the opposite side

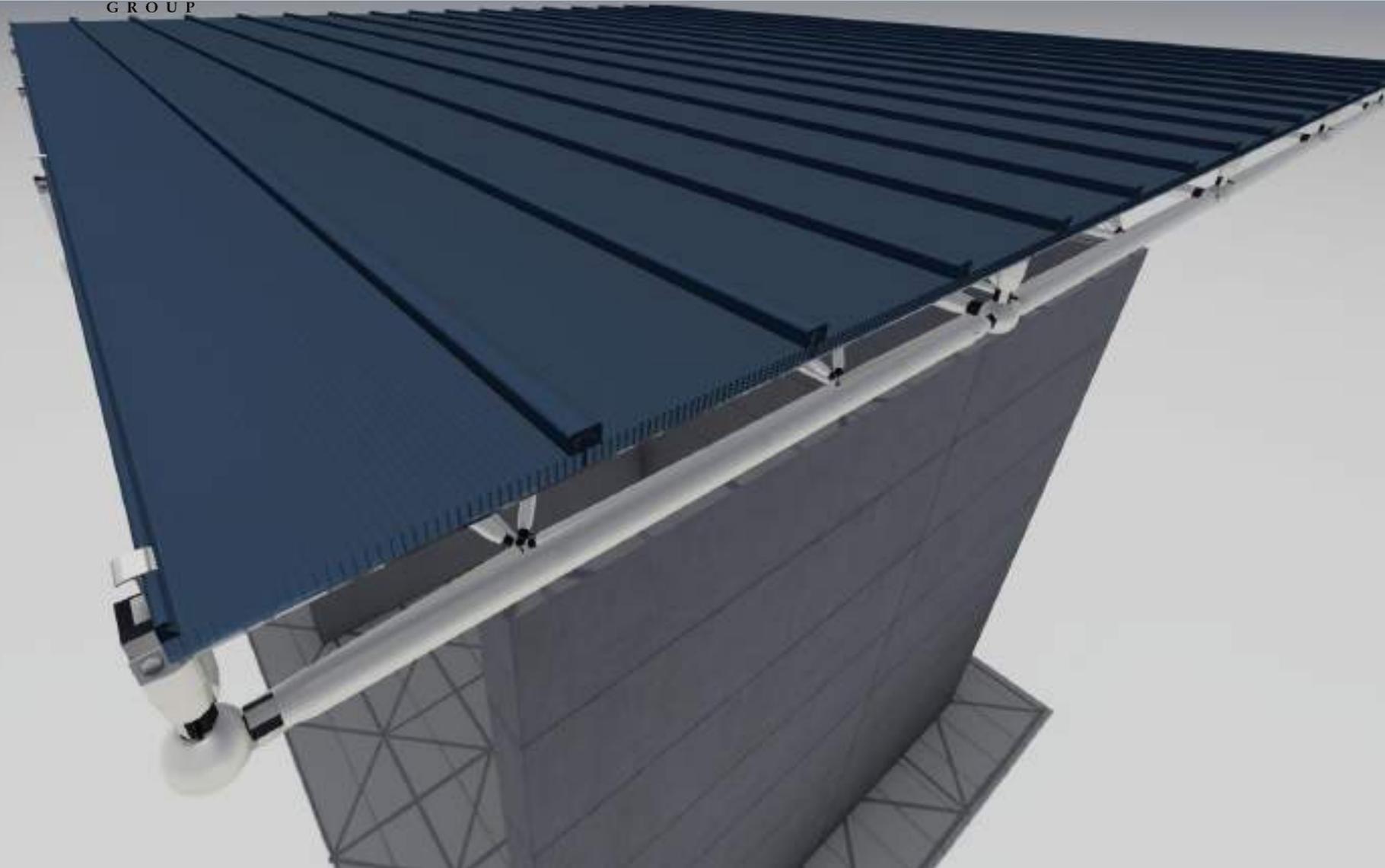


Without drilling nails in the panels
Snap-on is placed on top of the panels





»» Installation Polycarbonate - Megalux






CERTIFICATE

Certificate of Registration
TEAM QUALITY MANAGEMENT SYSTEMS

This is to Certify that the Quality Management System of

A.H.M Roofing, Cladding, Insulation and Space Frame System
 Street1: 1st floor, 155 El manyalia st. El Andalus building, El Haram, Giza - Egypt
 Street2: CPC-Egypt, Block (148) Developers Land-Northern Extension
 Area-8th of October city, Giza - Egypt

Has been found to be of the Quality Management System Standard

ISO 14001:2015

(Environmental Management System)

This certificate is valid for the following product or service range

Materials for Roofing, Cladding, Insulation, Skylight, Standing seam system & Spaceframe system Steel structure Fabrication Engineering and Contracting -Metal doors (fire rated) LPVC sheets - PVC sandwich panel - polycarbonate sheets and system, Aluminum windows, doors and facades.

Certificate No. : TQ023011201

Date of initial registration	10-01-2023
Date of this certificate issue No.	10-01-2023
Certificate Expiry	11-01-2024
Recertification Due	11-01-2024



After successful completion of annual Surveillance Audit, this certificate will be issued.
 The Certificate is valid from the Registration of TQM for the certificate validity period stated above plus 15 days for certificate activation and 15 days for certificate activation or renewal or expiry date.






TEAM QUALITY MANAGEMENT SYSTEMS
 Head Office: 155 El manyalia st. El Andalus Building, El Haram, Giza - Egypt
 Ph: +96 20 3577 110 (Giza) +20 101 588888 -02 35024197 - 43 08888780
 Website: www.a.h.m.eg E-mail: info@ahm.com
 Registration to EGAC: Green St. El-Dokki, New El-Dokki, Giza - Egypt




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Has been found to be of the Quality Management System Standard

ISO 45001:2018

(Occupational Health and Safety Management Systems)

This certificate is valid for the following product or service range

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Date of initial registration	10-01-2023
Date of this certificate issue No.	10-01-2023
Certificate Expiry	11-01-2024
Recertification Due	11-01-2024



After successful completion of Level 2 Surveillance Audit, this certificate will be issued.
 The Certificate is valid from the Registration of TQM for the certificate validity period stated above plus 15 days for certificate activation and 15 days for certificate activation or renewal or expiry date.






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 Area-8th of October city, Giza - Egypt

Has been found to be of the Quality Management System Standard

ISO 9001:2015

(Quality Management System)

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Certificate No. : TQ023011201

Date of initial registration	10-01-2023
Date of this certificate issue No.	10-01-2023
Certificate Expiry	11-01-2024
Recertification Due	11-01-2024



After successful completion of Annual Surveillance Audit, this certificate will be issued.
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