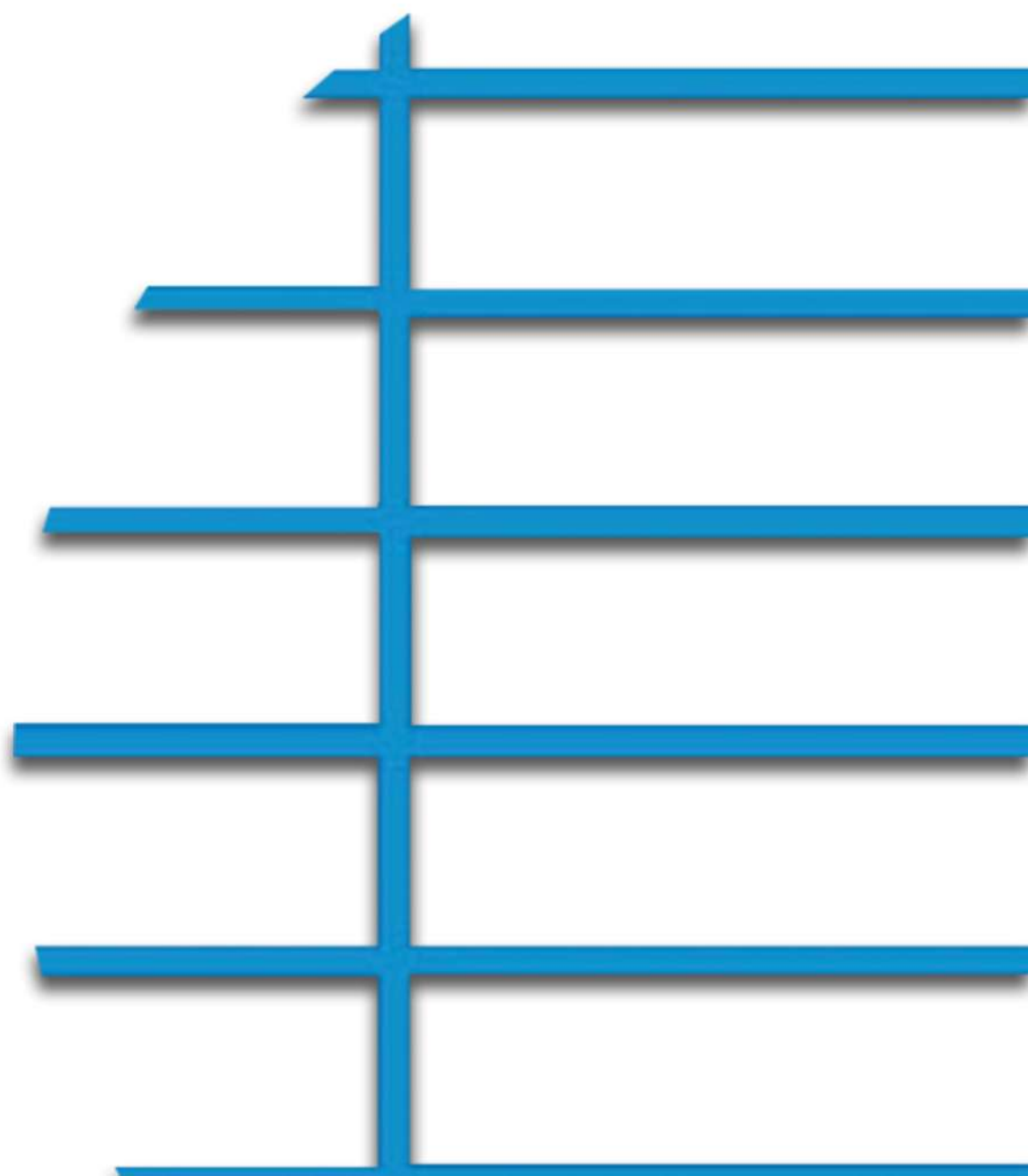


CARAVANS



**CONSTRUCTION
MATERIALS**
CARAVANS



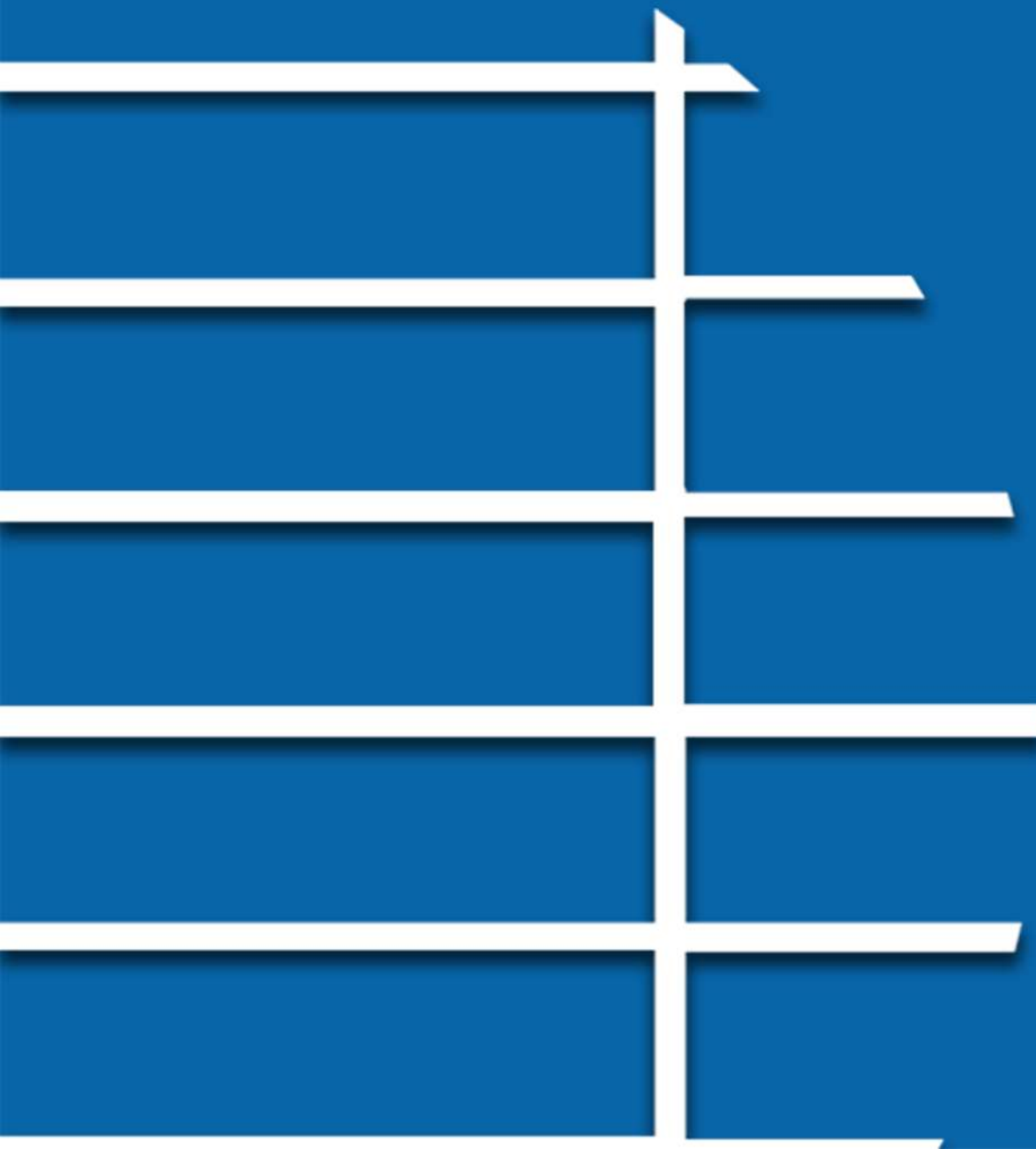
CONTENT

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CARAVANS

01 INTRODUCTION

Caravans serve a multitude of purposes, including site accommodation, residential, and non-residential buildings, providing the needed sizes, required shapes, and utilities. Our team is dedicated to providing the finest caravans tailored to your specifications. With a track record of designing, manufacturing, and installing thousands of portable and stable caravans, from conception to installation and beyond, our comprehensive services encompass design, manufacturing, installation, and post-delivery follow-up, ensuring a seamless experience for our client .



CARAVANS

02 DIMENSIONS

3x3m

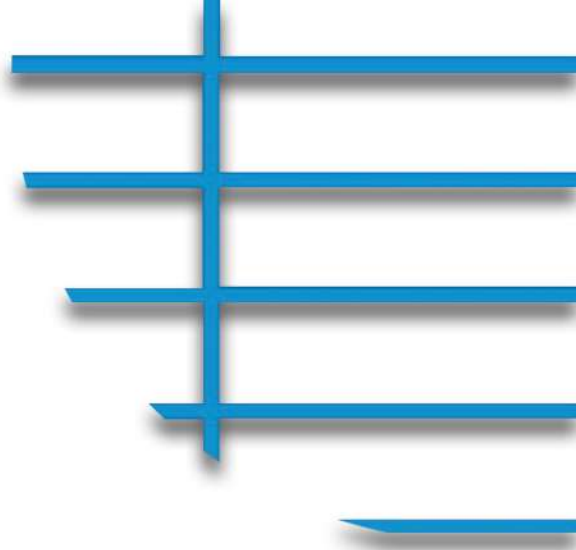
3x9m

3x6m

3x12m



All sizes are available with various configurations according to any requirements.



CARAVANS

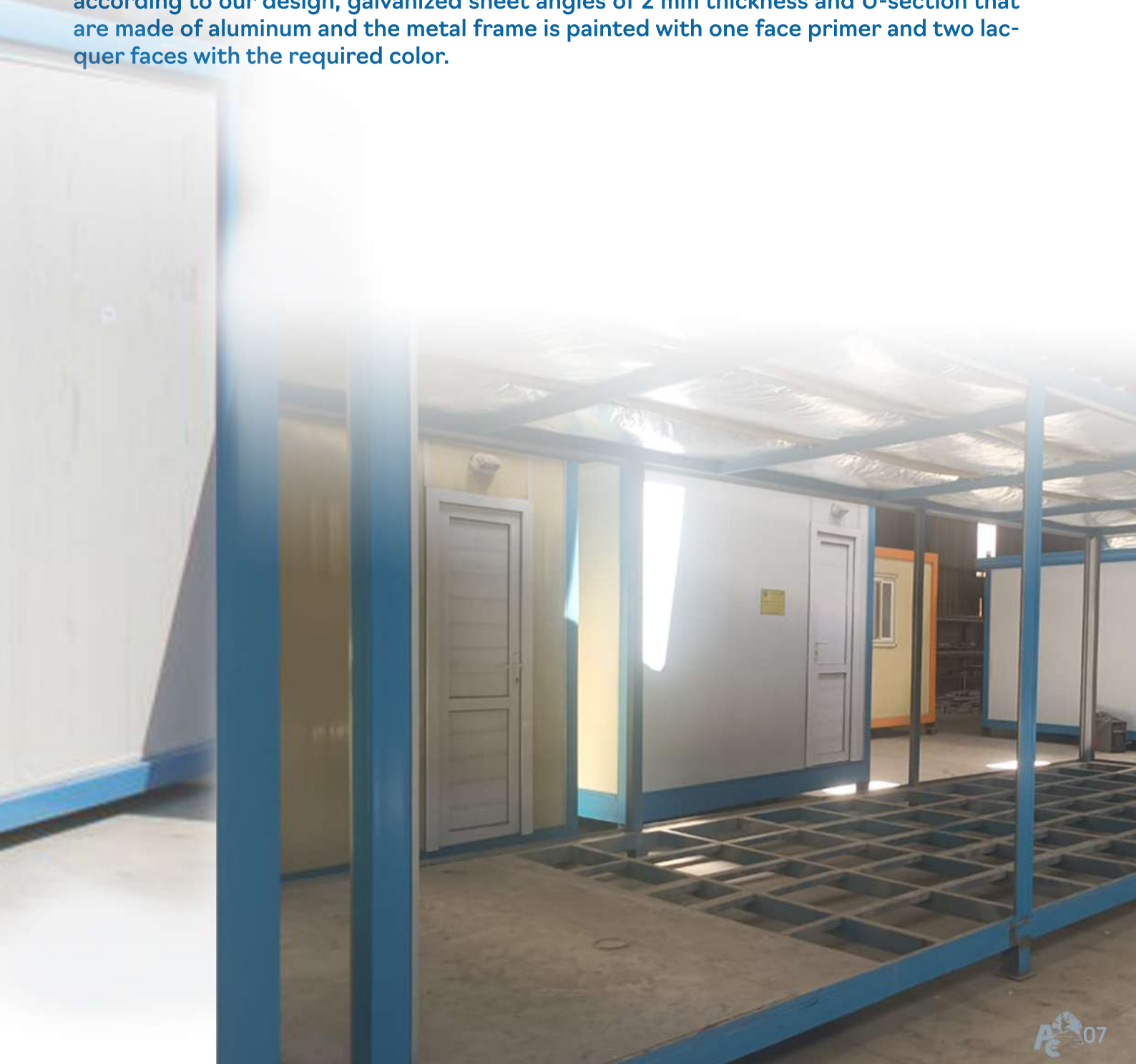
03 Specifications



CARAVANS

■ Skeleton Structure

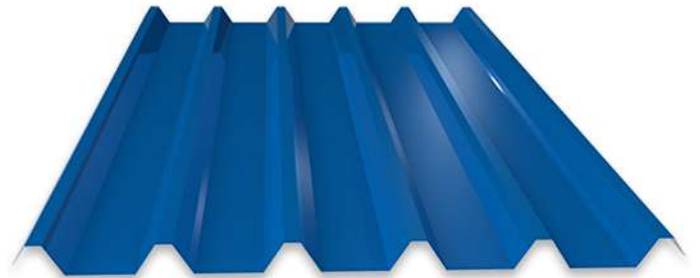
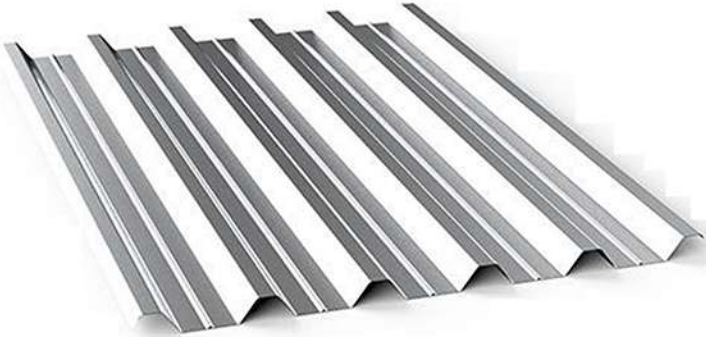
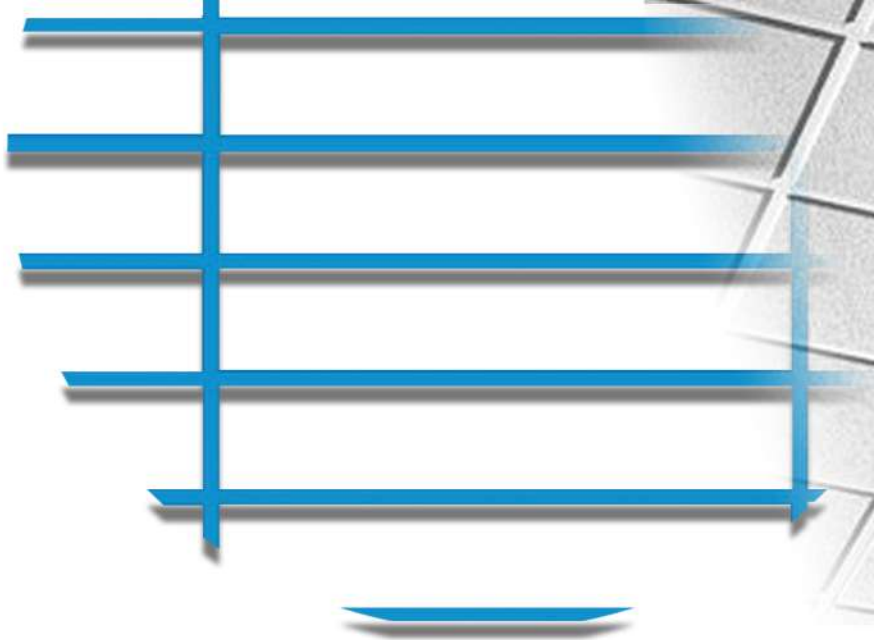
Are made from cold formed square sections with a thickness of 2.5 mm with dimensions 10x10 cm, 4x7 cm, 4x4 cm and C-shaped sections of 5x10x5 cm with thickness of 2.5 mm according to our design, galvanized sheet angles of 2 mm thickness and U-section that are made of aluminum and the metal frame is painted with one face primer and two lacquer faces with the required color.



CARAVANS

■ Roof

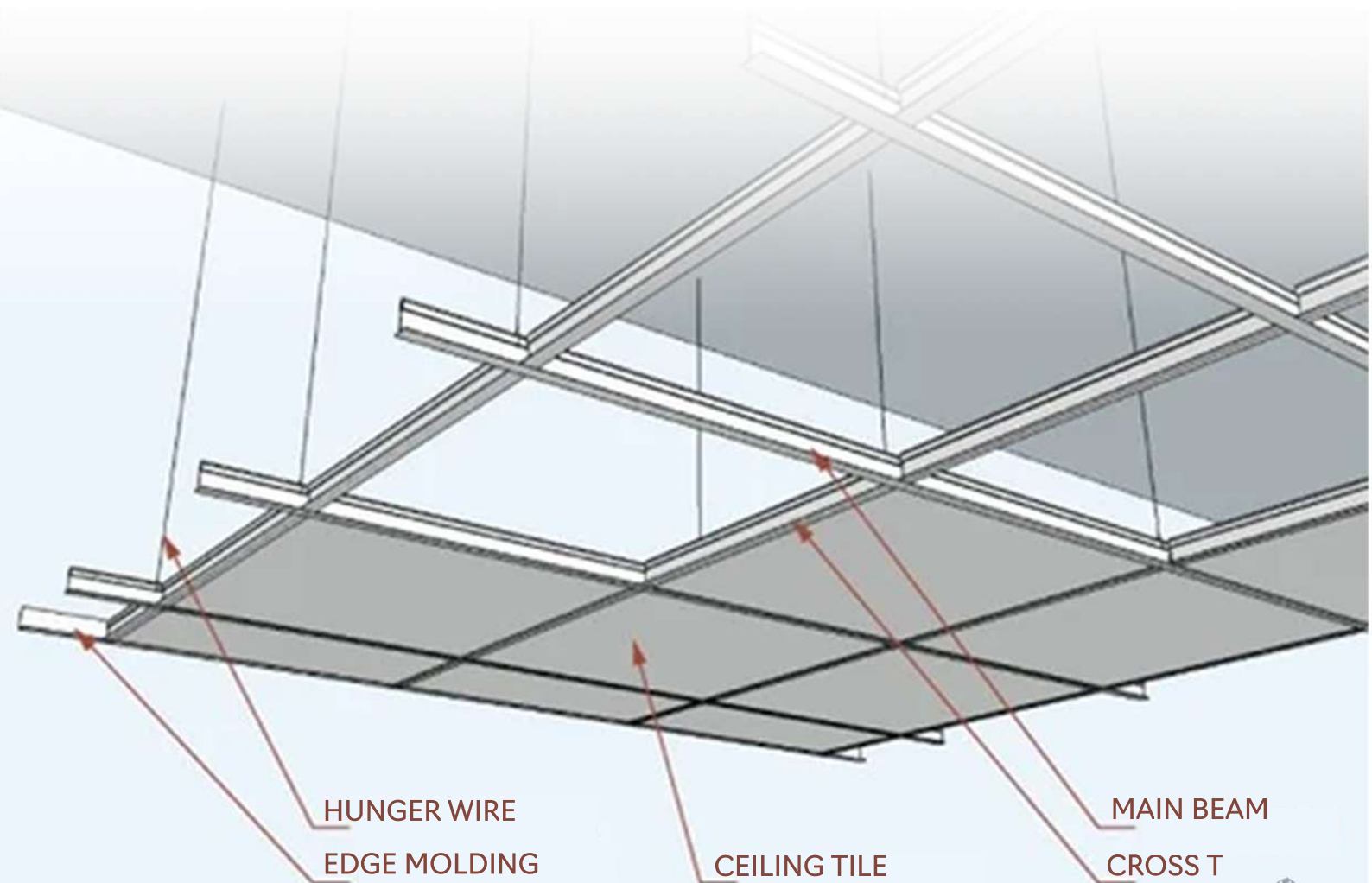
Are made from galvanized corrugated sheet, thickness of 0.5 mm galvanized grade 120, or of sandwich panels, thickness of 5 cm as per customer request, with a suitable slope for easy drainage of rainwater.



CARAVANS

■ Ceiling

The internal ceiling (false ceiling) is made of Armstrong tiles 60 cm x 60cm (gypsum with vinyl) and a foil layer on the back fixed using accessories with thickness of 0.5 mm with shape L, T, in addition to installing a 0.7 mm thick colored sheet flash for the front and sides of the caravan and installing a layer of heat-insulating glass wool panels between the corrugated sheet and the false ceiling.

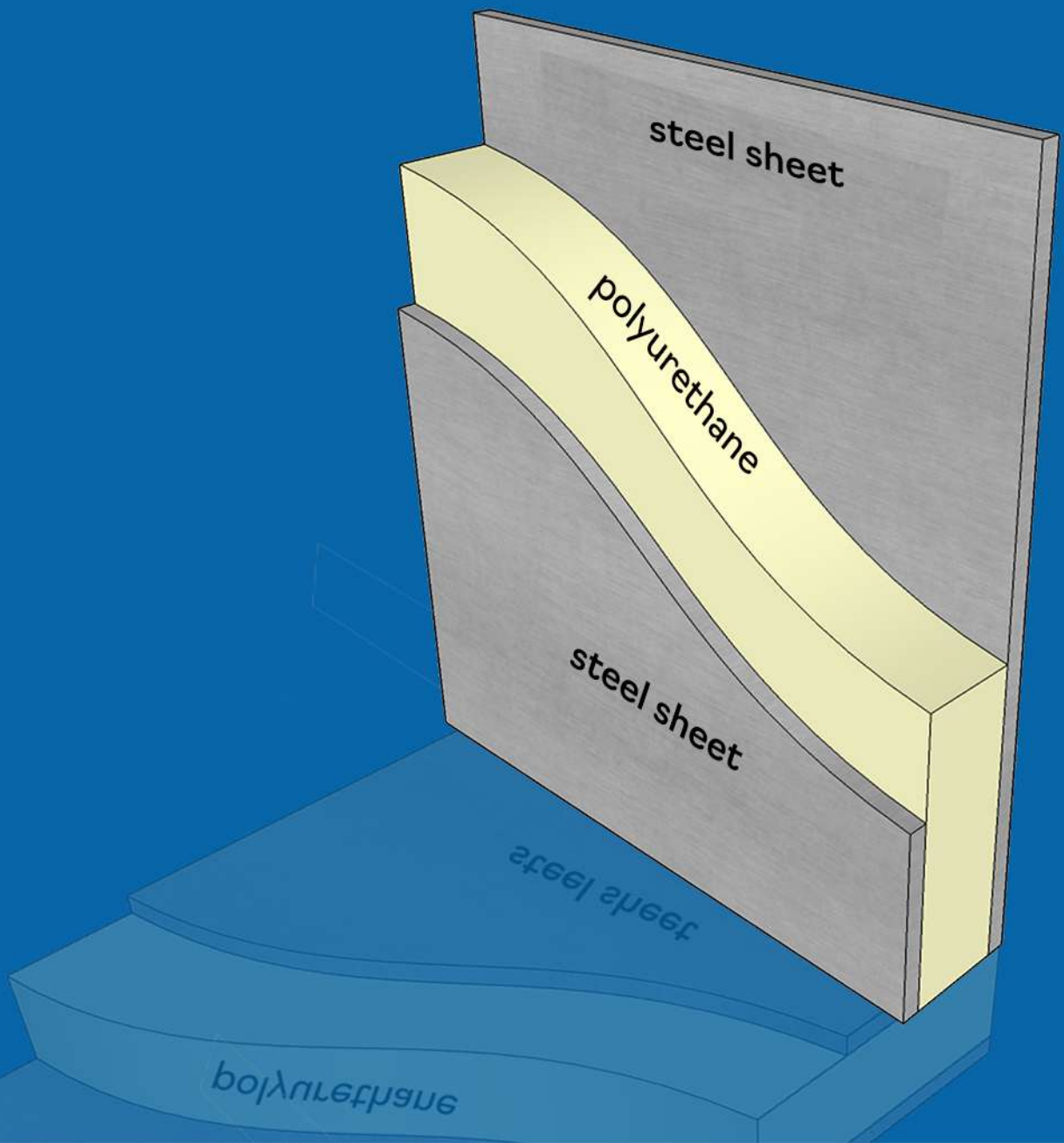


CARAVANS

■ Walls

External Walls

Are made from sandwich panels (0.4 mm thickness sheet / sheet galvanized grade120) with polyurethane moisture-insulating material, thickness 40 mm, density 40 kg /m³, fixed with aluminum profiles U-section and combined with each other by the interlock system.



CARAVANS



■ Internal Walls

Are made from sandwich panels (0.4 mm thickness sheet / sheet galvanized grade120) insulated with polyurethane (moisture-insulating material), thickness 40 mm, density 40 kg/m³, fixed with aluminum profiles U-section and combined with each other by the interlock system, with ability of covering with gypsum board or wood.



CARAVANS



Advantage of Sandwich Panels

Best Insulation



Water Prevention



Dust Free



Easy Installation



Energy Saving



Noise Reducing



Fire-Retardant
Core Upon Request



Light Weight



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■ Doors and Windows

Are made from anodized aluminum profiles in silver color and clear glass thickness of 6 mm and filling of white fiber or from PVC according to the customer's request. Entrance and office doors size 90x210 cm of the hinged type and the bathroom doors size 70x210 cm of the hinged type and installing windows 60 cm x 60 cm for toilets and installing sliding windows (2 glass sliders) size 100x100 cm for offices and halls.



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■ Electrical works

All necessary electrical connections for lighting are provided, including the installation of the required LED lights and the 3B globe for the unit entrance. Suitable plastic distribution panels from the brand Schneider or Marlin Gran breakers are installed outside the wall, and the cables used are provided by El Sewedy company, with sizes tailored according to the electrical loads.

■ Plumbing works

All internal connections necessary for feeding (cold / hot) are made using 0.5-inch polypropylene pipes, branded by Egypt therm, as well as the necessary connections to drain using plastic tubes of 2.5 inches and 4 inches from Egypt therm. Sanitation parts are from Ideal Standard with the ability to install electric heaters and ventilating fan upon customer request

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■ Floors

For offices and halls, floors are made of wood, (counter layers 18mm thick, with a blindfold from the bottom, with steel sections, and covered with linoleum or MDF tiles. Bathroom's floors are made of checkered steel sheet 3 mm thickness and covered with linoleum, or from steel deck sheets covered with ceramic tiles upon customer request.



CARAVANS

04 Types of Caravans

- Standard caravan



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■ Caravan with Solar Energy



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■ Caravans on wheels



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