



Cold Room Equipment

2025

غرفة الباردة
COLD ROOM

15.4
ISO
OFF

ABUOTUS

Our Vision is to be different from the competitors, leader in Turkey, demanded and reliable brand in global market.

Since its establishment in 2000, the company has been committed to being a reliable partner in international trade. With a focus on identifying the right products to meet customer needs, it strives to avoid incorrect purchases and ensures that every product is procured at the right price. The company prioritizes timely delivery, ensuring that products reach their destinations on the agreed date and in the desired physical condition. By maintaining the continuity of its product offerings and staying up to date with technological advancements and innovations, the company continues to meet and exceed customer expectations.

Operating with almost 50 employees and trade partnerships in five countries, the company has successfully completed projects of various scales, including numerous “turn-key” solutions, across 50 countries worldwide. This dedication to quality and efficiency has solidified its position as a trusted name in the global market.

OUR VALUES

As experts in our field, we are committed to delivering exceptional results by consistently surpassing expectations. We embrace innovation and creativity in all aspects of our work, supporting continuous improvement to ensure we remain at the forefront of our industry.

OUR MISSION

We strive to provide the best products and services to our customers through a reliable, innovative, and pioneering approach. Operating in full compliance with our country's laws and regulations, we prioritize environmental awareness and focus on offering low-energy-consumption products that contribute to sustainability.

CORE VALUES

Quality: We uphold the highest standards in every aspect of our work. Consistency: Delivering dependable results is at the heart of what we do. Confidentiality: Protecting the trust and privacy of our stakeholders is paramount. Importance to Details: We believe success lies in mastering the details. Unique Service Quality: Providing unmatched service is our priority. Design Expertness: Our expertise in design distinguishes us in the market.





COLD ROOM PANEL

PUR

Our Cold Room Panels, designed to provide you with the utmost efficiency, durability, and robust insulation capabilities for your temperature-sensitive operations. The insulation core of our Cold Room Panels is made from high-density polyurethane foam (PU), renowned for its superior insulating properties and resistance to moisture absorption. This ensures that your cold room stays dry and cold, even in high humidity environments.



Environmentally
Friendly



Certified
Products



Energy
Saving

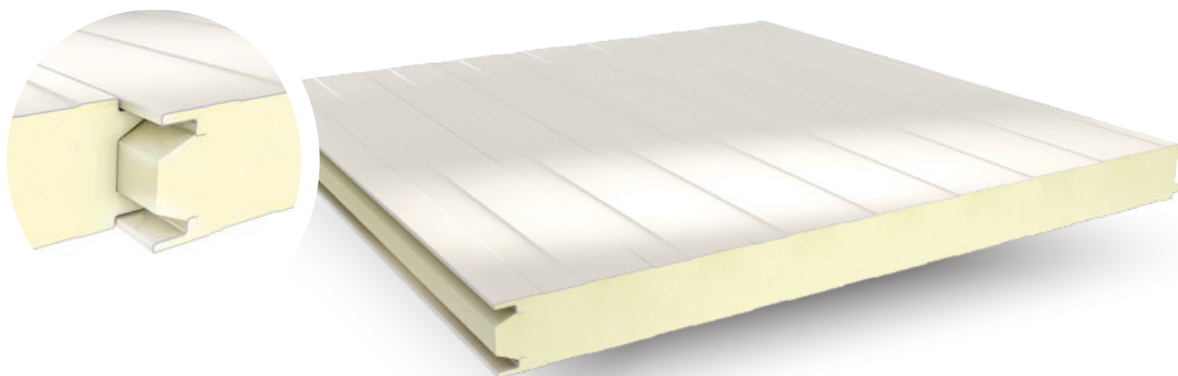


Does not contain carci-
nogenic material



Can be used in health and
food sector

Technical Specifications



Panels are made of 42 kg/m² (± 2) Polyurethane. They have also a B2 non-flammable standard under TS EN 13501-1. Panels are connected in a puzzle form. Afterwards they can also be demounted. Wall and ceiling panels are produced in different thicknesses (60 mm, 80 mm, 100 mm, 120 mm, 150 mm, 180 mm, 200 mm). They are 100 cm wide and can be manufactured according to your instructions optional long. Interior and exterior surface of wall panels have galvanized steel sheets of 0.50mm thickness and are colored with RAL 9002 authentic polyester color. With the purpose of use, wall and ceiling panel steel sheets can be manufactured with Cr-Ni, PVC, Galvanize and Polyester. Panels are smooth, hygienic and are easily cleanable. As they are hygienic, they are commonly used in hospitals, in grocery storehouses and in medicament branches. Panels prevent the heat loss with its individual design and accessories.

Thickness(mm)	Thermal Resistance	Heat Transfer Coefficient	Weight KG/m2
Core Thickness (t) Width (w)= 1000 mm	R(m ² K/W)	K Value W/m ² K	(0,5+0,5)
t=80 mm	3,68	0,27	11,80
t=100 mm	4,61	0,22	12,50
t=120 mm	5,52	0,18	13,40
t=150 mm	6,88	0,15	14,60
t=180 mm	8,25	0,12	15,60
t=200 mm	9,16	0,11	16,60

Pur/Pir Insulated Cold Storage Panel						Single Pan					
						Uniformly Distributed Loads (kg/m²)					
Panel Thickness (t)	Δ t °C	Span (m)									
		3,00	4,00	5,00	6,00	7,00	8,00	9,00	10,00	11,00	12,00
t=80 mm	Out: 20°C In: 0°C	173	128	102	85	73	64	57	46	38	32
t=100 mm		220	162	129	107	92	80	71	58	48	40
t=120 mm		267	296	156	129	111	97	86	70	57	48
t=150 mm	Out: 30°C In: -20°C	312	230	184	153	132	116	103	90	74	61
t=180 mm		383	281	223	185	159	139	124	110	90	74
t=200 mm		431	315	249	207	177	155	139	124	100	83

COLD ROOM PANEL

PIR

Our Cold Room Panels, designed to provide you with the utmost efficiency, durability, and robust insulation capabilities for your temperature-sensitive operations. The insulation core of our Cold Room Panels is made from high-density polyisocyanurate foam (PIR), renowned for its superior insulating properties and resistance to moisture absorption. This ensures that your cold room stays dry and cold, even in high humidity environments.



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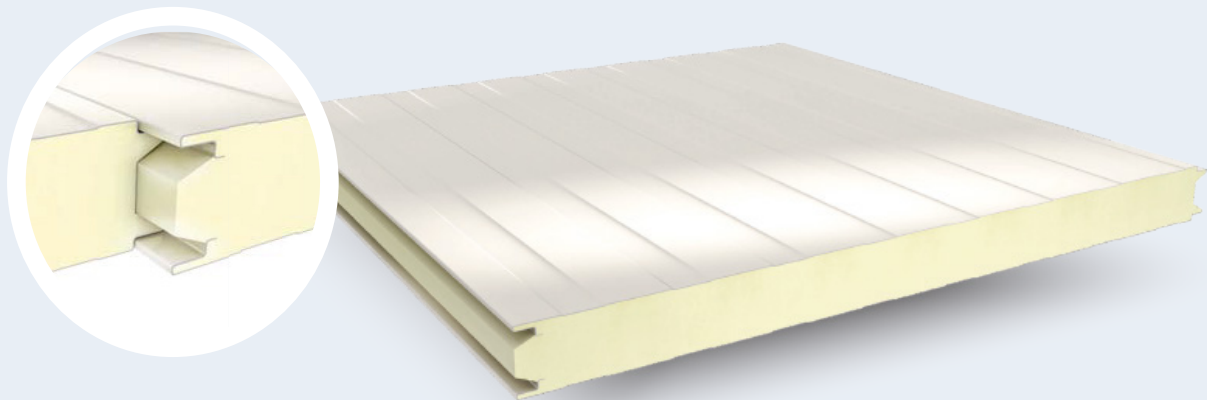


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nogenic material



Can be used in health and
food sector

Technical Specifications



The cold room panels are manufactured from $42 \text{ kg/m}^3 (\pm 2)$ polyisocyanurate (PIR) material. They also meet the B2 non-flammability standard within the scope of TS EN 13501-1. The panels are connected together in a jigsaw shape and can be disassembled later. Wall and ceiling panels are produced in different thicknesses (80 mm, 100 mm, 120 mm, 150 mm, 180 mm, 200 mm) and can be produced as long as desired, according to your instructions. The inner and outer surfaces of the wall panels are covered with 0.50 mm thick galvanized steel sheet and colored with RAL 9002 authentic polyester color. Depending on the purpose of use, wall and ceiling panel sheets can be produced with Cr-Ni, PVC, Galvanized, and Polyester materials.

Cold room panels are smooth, hygienic, and easy to clean. Due to their hygienic properties, they are widely used in hospitals. They are also commonly used in grocery stores and drug stores. Cold room panels prevent heat loss with their personalized design and accessories.

Thickness(mm)	Thermal Resistance	Heat Transfer Coefficient	Weight KG/m ²
Core Thickness (t) Width (w)= 1000 mm	R(m ² K/W)	K Value W/m ² K	(0,5+0,5)
t=80 mm	3,68	0,27	11,80
t=100 mm	4,61	0,22	12,50
t=120 mm	5,52	0,18	13,40
t=150 mm	6,88	0,15	14,60
t=180 mm	8,25	0,12	15,60
t=200 mm	9,16	0,11	16,60

Pur/Pir Insulated Cold Storage Panel					Single Pan						
					Uniformly Distributed Loads (kg/m²)						
Panel Thickness (t)	Δ t °C	Span (m)									
		3,00	4,00	5,00	6,00	7,00	8,00	9,00	10,00	11,00	12,00
t=80 mm	Out: 20°C In: 0°C	173	128	102	85	73	64	57	46	38	32
t=100 mm		220	162	129	107	92	80	71	58	48	40
t=120 mm		267	296	156	129	111	97	86	70	57	48
t=150 mm	Out: 30°C In: -20°C	312	230	184	153	132	116	103	90	74	61
t=180 mm		383	281	223	185	159	139	124	110	90	74
t=200 mm		431	315	249	207	177	155	139	124	100	83

COLD ROOM PANEL

CAMLOCK

Our Camlock Cold Room Panels – designed for superior insulation and ease of installation. Composed of high-density polyurethane foam sandwiched between corrosion-resistant steel sheets, they ensure consistent temperature control. The unique Camlock system enables seamless assembly, enhancing thermal efficiency. Ideal for industries requiring reliable, cost-effective, temperature-controlled environments. Upgrade your operations with our Camlock Cold Room Panels.



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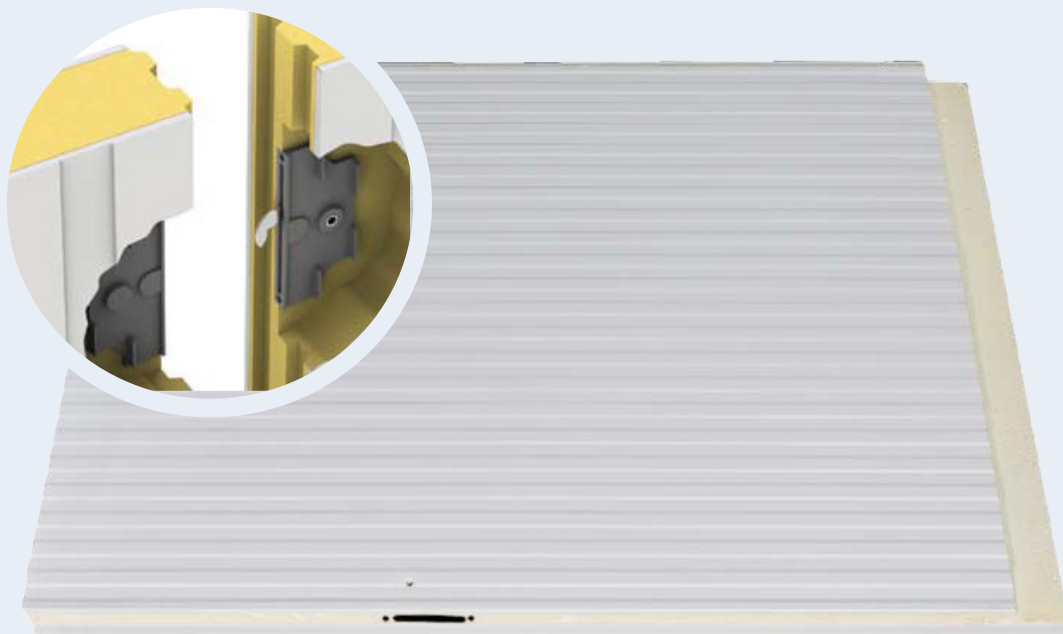


Does not contain carci-
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Can be used in health and
food sector

Technical Specifications



Panels are made of $42 \text{ kg/m}^2 (\pm 2)$ Polyurethane. They have also a B2 non-flammable standard under TS EN 13501-1. Panels are connected in a puzzle form and are saved with an eccentric lock. Afterwards they can also be demounted. Wall and ceiling panels are produced in different thicknesses (60 mm, 80 mm, 100 mm, 120 mm, 150 mm, 180 mm, 200 mm). They are 111 cm wide and can be manufactured according to your instructions maximum 12 m long. Interior and exterior surface of wall panels have galvanized steel sheets of 0.50mm thickness and are colored with RAL 9002 authentic polyester color. With the purpose of use, wall and ceiling panel steel sheets can be manufactured with Cr-Ni, PVC, Galvanize and Polyester. Panels are smooth, hygienic and are easily cleanable. As they are hygienic, they are commonly used in hospitals, in grocery storehouses and in medicament branches. Panels prevent the heat loss with its individual design and accessories.

Thickness(mm)	U Thermal Resistance	Heat Transfer Coefficient	Weight KG/m ²	Distributed Load (P=KG/m ²)			
Core Thickness (t) Width (w)= 1000 mm	R(m ² K/W)	K Value W/m ² K	(0,5+0,5)	4,00	5,00	6,00	7,00
t=60 mm	2,36	0,40	12,12	149	120	--	--
t=100 mm	3,16	0,31	12,96	193	142	--	--
t=120 mm	3,96	0,25	13,80	232	165	131	94
t=150 mm	4,76	0,22	14,64	285	209	142	132
t=180 mm	5,96	0,18	15,90	445	372	277	213
t=200 mm	7,96	0,14	18	500	438	276	237

INSULATED FLOOR PANELS

Our Cold Room Insulation Floor Panels, engineered for optimal thermal efficiency. Featuring a high-density polyurethane core sandwiched between durable steel sheets, these panels offer exceptional insulation, maintaining consistent cold room temperatures. Their robust design withstands heavy use, while the easy-install feature ensures swift setup. Upgrade your cold storage solutions with our Cold Room Insulation Floor Panels.



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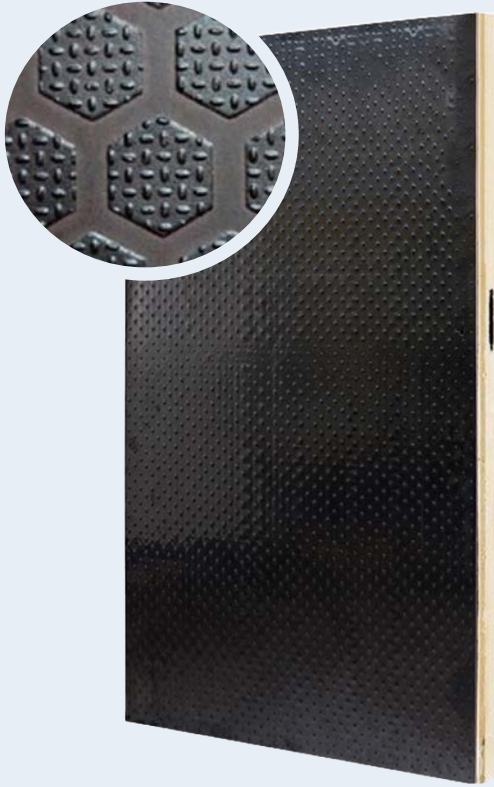
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Technical Specifications



Patterned Plywood Plating



Chrome Plating On Plywood

The panels producing details are 42 (+/-2) density insulation chemical inject between galvanized metal sheets for lower surface and Plywood for upper surface, camlocks add just before injection and panels are pressing during to injection process. There are various thickness available.

Panel Width (cm)	111
Panel Thickness (mm)	50 - 60 - 80 - 100 - 120 - 150 - 180 - 200
Panel Density	42±2 kg/m ³
Lower Surface	Galvanized
Upper Surface	Plywood
Pattern	Honeycomb
Insulation	Polyurethane
Sheet Thickness (mm)	0,50±0,03 mm



17106 TEKOP MAKINA T-01900-2
(CR5 3x475 SZ) EVAPORATOR ELECTRICAL
PANEL



TEKO
SAN. TIC. A.S.



CAUTION
Slippery Floor



NOTICE
Keep This
Door Closed



NO ADMITTANCE
Authorized
Personnel Only



SLIDING DOOR

Our Cold Room Sliding Door, a reliable and efficient solution for your cold storage needs. Designed to excel in refrigerated environments, this door combines superior insulation, smooth operation, and durability to meet the demands of commercial and industrial settings. The sliding mechanism of our door is engineered for seamless operation, even in low-temperature conditions. The meticulously designed track system and sturdy rollers allow for effortless opening and closing, providing convenient access to your cold storage space.



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Technical Specifications



Our Sliding doors comes with aluminum frame and have some PVC parts to break heat Exchange standarty, as an option full PVC frame is also available. The doors leafs produce with aluminum profiles, the metail sheet thickness is 0.5mm for bouth surface and color code is Ral 9002, door leaf insulation chemical density is 42-45 gr/cm³. The door leaf thickness standart is 8cm for chiller rooms and 12cm for freezer rooms. Also door threshold and sight glass can add as an options.

Door Frame	PVC-Aluminum
Frame Specifications	6063 Grade Aluminum
Door Insulation Level	42-45 kg/m ³
Surface Materials Types	Polyester-PVC-CrNi
Color	RAL 9002
Pattern	Flat
Insulation	Poliurethane
Sheet Thickness (mm)	Interior /Exterior 0,50 mm

HINGED DOOR

A cold room PVC hinged door is a type of door specifically designed for use in cold storage rooms or refrigerated environments. Our hinged doors are constructed using PVC (polyvinyl chloride) material, which offers excellent insulation properties and resistance to low temperatures. Door leaf insulation has a chemical density of 42-45 gr/cm³, is of the inset type, and has an exterior metal sheet thickness of 0.8 mm and an interior metal sheet thickness of 0.5 mm.



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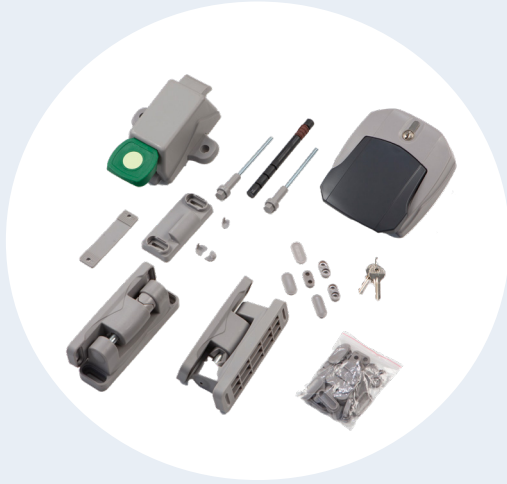
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Technical Specifications



Our hinged doors come with an aluminum frame and have some PVC parts to break heat exchange standardly, as an option a full PVC frame is also available. Door leaves are inset type, external metal sheet thickness is 0.8mm and internal metal sheet thickness is 0.5mm, the color code is Ral 9002 for surface metal and door leaf insulation chemical density is 42-45 gr/cm³. The door leaf thickness standard is 8cm for chiller rooms and 10cm for freezer rooms. Also door threshold and sight glass can be added as options.

Door Frame	PVC-Aluminum
Frame Specifications	6063 Grade Aluminum
Door Insulation Level	42-45 kg/m ³
Surface Materials Types	Polyester-PVC-CrNi
Color	RAL 9002
Pattern	Flat
Insulation	Poliurethane
Sheet Thickness (mm)	Interior 0,50 mm Exterior 0,80 mm

CONTROLLED ATMOSPHERE DOOR

Our Controlled Atmosphere Cold Room Door, a cutting-edge solution designed to meet the specialized requirements of controlled atmosphere storage environments. This door combines advanced technology, impeccable insulation, and sturdy construction to ensure precise control over atmospheric conditions while maintaining energy efficiency. Our Controlled Atmosphere Cold Room Door is specifically engineered to create a sealed environment, allowing you to maintain precise control over factors such as temperature, humidity, and gas composition



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Technical Specifications



They have been developed as atmosphere-controlled cold storage doors. It provides air impermeability through its special closed cell foam gaskets and stainless camshaft locking systems. There is a glass control section on these doors and this section can be directly assembled to the cold room wall. Our door blades are manufactured in monoblock form. The frame anodized aluminium profiles and the sheet and all the internal supporting sheets are combined in a way that would not create a thermal bridge and an integral strength is provided by injecting polyurethane inside this structure.

Door Frame	PVC-Aluminum
Frame Specifications	6063 Grade Aluminum
Door Insulation Level	42-45 kg/m ³
Surface Materials Types	Polyester-PVC-CrNi
Color	RAL 9002
Pattern	Flat
Insulation	Poliurethane
Sheet Thickness (mm)	Interior 0,50 mm Exterior 1,20 mm

SERVICE DOOR

Our Cold Room Sliding Door, a reliable and efficient solution for your cold storage needs. Designed to excel in refrigerated environments, this door combines superior insulation, smooth operation, and durability to meet the demands of commercial and industrial settings. The sliding mechanism of our door is engineered for seamless operation, even in low-temperature conditions. The meticulously designed track system and sturdy rollers allow for effortless opening and closing, providing convenient access to your cold storage space.



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Technical Specifications



Single Wing Service Door



Dual Wing Service Door

Anodized aluminium door frame can be applied onto panel or Wall. Our Access doors that have 40 mm leaf thickness have been fabricated by injecting 42 density polyurethane between Ral 9002 painted sheet metal and Cr-Ni, PVC coating two sheet metal. Hinges on our doors that are produced by glassed-in and glassless are bi-directional and they provide to open on both side. Our special sealed door minimise the heat abductions in area transitions. There are polyurethane handle and Cr-Ni toe board against shocks. They can be fabricated as single leaf or double leaf according to project.

Door Frame	PVC-Aluminum
Frame Specifications	Anodized Aluminum
Door Insulation Level	42-45 kg/m ³
Surface Materials Types	Polyester-PVC-CrNi
Color	Polyester-PVC-CrNi
Pattern	Flat
Insulation	Poliurethane
Sheet Thickness (mm)	Interior - Exterior 0,50 mm

SECTIONAL DOORS

Our Cold Room Sliding Door, a reliable and efficient solution for your cold storage needs. Designed to excel in refrigerated environments, this door combines superior insulation, smooth operation, and durability to meet the demands of commercial and industrial settings. The sliding mechanism of our door is engineered for seamless operation, even in low-temperature conditions. The meticulously designed track system and sturdy rollers allow for effortless opening and closing, providing convenient access to your cold storage space.



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Technical Specifications



Sectional doors prevent loss of place in front of and behind the door because of its vertical moving ability. Sectional door panels are located horizontally under the ceiling, vertically on the door aperture or in parallel with the roof. Our industrial doors consist of sandwich panels. Sandwich panels are obtained by means of injecting high pressure polyurethane between galvanized sheet metal. A perfect thermal insulation is provided under favour of high pressure polyurethane. Endurance of our panels against wind is 80 km/hr. Sheet metals on the front face and back face of the sectional door panels are assembled unshakeably as four layers. Double hull, acrylic glass windows can be opened on the door panels in the desired order on the purpose of lightening.

Door Frame	PVC-Aluminum
Frame Specifications	Anodized Aluminum
Door Insulation Level	42-45 kg/m ³
Surface Materials Types	Polyester-PVC-CrNi
Color	Polyester-PVC-CrNi
Pattern	Flat
Insulation	Poliurethane
Sheet Thickness (mm)	Interior /Exterior 0,50 mm





ALUMINUM SHELVES



General Specifications

Ventilation Efficiency Over 85% Air flow; cooling, heating, dust, bacteria, removal, drying can easily perform tasks such as. It is the most suitable system especially in cold rooms Can See All Products

All rack products can be easily observed. Because the light of the environment does not interfere, the light is illuminated

Can not Create Moisture

The most suitable environment for bacteria formation is known as humid environments

More Effective in Fire Extinguishing Systems

Existing fire systems in the neighborhood (CO2, springs, etc.) can interfere with the fire more effectively and timely

A-INOX SHELVES

B-COATED SHELVES

Technical Specifications

304 quality 8-10% Nickel 16-18% Cr-Ni Surface is matt or PVC coated Suitable for -40 / + 80 degree room temperature Owing

to anodised aluminum clips, it has a solid structure. Our demounted shelves provide fast and easy assembling It provides easy

cleaning Transport cart of 150 kg (+ - 10%) Slabs are suitable for air circulation Anti-bacterial

PVC CURTAIN



General Specifications

It reduces warm/cold air loss. It increases economic efficiency by energy conservation. It protects the establishment against birds, flies, and all flying insects. It minimizes movement of air polluting smell, gas, and dust. It ensures a hygienic work environment. It is easy to assemble. It breaks the welding gleam which is harmful for the eyes. It is light permeable to ensure better work. It eliminates machine noise. It requires minimum maintenance.

- *At the main doors inside and outside the factory,
- *At employee entrance and exit doors,
- *At loading doors,
- *At kitchen doors,
- *At dye house doors,

- *At welding or steam separation areas,
- *At production areas,
- *At cold air warehouses and at the entrance of flashfreezing rooms and belt conveyor systems in accordance with the Turkish Food Codex.

PVC Strip Curtain systems are fully compliant with the Turkish Food Codex and related regulations. It provides an ideal solution for establishments that need to restructure due to statutory decree 560 on the production, consumption and control of foods and the related regulations. PVC Door Systems are especially recommended for a healthy and clean environment in establishments operating in the food sector.

PRESSURE COMPENSATING VALVE



General Specifications

Pressure relief valve use for pressure balance between inside and outside of cold rooms. The warm air comes in during the door opening and closing or defrosting period, this situation leads to the pressure balance. The pressure relief valves are used to protect panels, doors and other components against the air pressure. The valves produced with highly durable plastic materials and suitable to use up to -40 Celsius. They protect against freeze problems with electrical heaters.

Technical Specifications

- These valves are produced in TN and BT version. They resist up to -40 C and they consist of plastic materials (A.B.S.) pressed in cylindrical shape.
- They are suitable to refrigerating rooms of 1 up to 100 cubic meters; You can use further valves in case of large volumes.
- They can be adjusted in a telescopic way on thicknesses from 60 up to 200 mm; an extension of the pipe is sufficient for larger thicknesses.

LIGHTING SYSTEMS



Lighting Systems; with a life span of more than 50 thousand hours;

Today, vast majority of commonly used light sources have 1,000-5,000 hours bulb life span. Life span is 6,000 12,000 hours in industrial lighting bulbs. At the end of this period, while the bulbs must be replaced, it should also be noted that damages in ballast circuit ignitor in fluorescent and gas discharge lamps may also be observed. If a good thermal design and constant current circuits are used, LED lifespan will be over 50,000 hours. Preference towards it has increased as it is trouble-free in malfunction, replacement, and maintenance.

Dimensions	50-100-120 CM
Input Voltage	220-240VAC
Light Source	Middle Power Led 2835
Colour Heat	5000-6500K
Lumen Value	2100lm
Main Body	Aluminium Shape
Display Glass	UV Stabilized Polycarbonate
Protection Class	IP40

ACCESSORIES



HYGIENIC FLOOR PROFILE



CEILING HANGER PROFILE



CEILING HANGER ACCESSORY



U ACCESSORY
40x50-200x40



INTERIOR ACCESSORY
40x50-200x40



EXTERIOR ACCESSORY
50x80 - 230





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