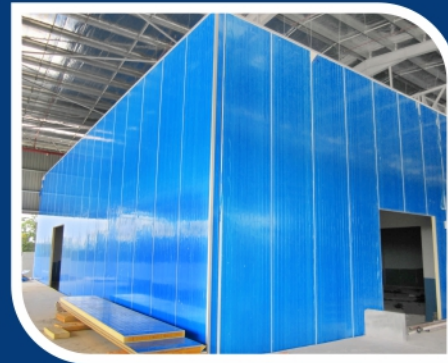


Polyurethane Panel | Typical Installation and Features



No. 3, Jalan Mahsuri 1, Kawasan Perindustrian Kluang,
Batu 4, Jalan Mersing, 86000 Kluang, Johor, Malaysia.
Tel : 607-787 9588, 787 8860, 787 8819 Fax : 607-787 8871
Email : inquiries@saicond.com.my / sales@saicond.com.my

www.saicond.com.my

AUTHORISED DEALER



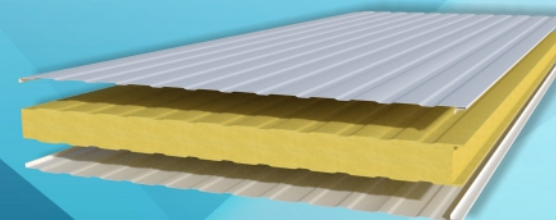
SAI COND[®]
SALES & ENGINEERING SDN. BHD.
(Company No. : 455716-V)



Precise fabricated panels equipped with durable and corrosive-resistant nylon 'cam-lock' system.

Infinitely variable modular combinations to suit specific needs for room dimensions.

Recognized for quality by users such as foods caterers, frozen seafoods suppliers, fast foods restaurants, convenience retail stores, hotel kitchens, food processing plants, central bakeries, marine galley kitchens, fisheries stores, as well as, industrial clean rooms and thermal rooms.



SANDWICH POLYURETHANE PANEL



CERTIFICATION NO.: 6981



SAI COND prefabricated polyurethane foam panels are made by bonding two outer skin to an insulating core of polyurethane foam. The foam is injected using special high or low-pressure machines. The skins are bonded to varying core thickness.

The polyurethane insulation is made using environmentally friendly and Non-CFC & non HCFC foaming agents

SAI COND panels can be custom made in various thickness from 50mm to 200mm and maximum lengths up to 12 meters to suit your diverse applications. The skin of the panels and floors can be manufactured to the specifications of customers.

Except for panel thickness of 50mm, all of our camlocks are made of nylon, hence have high reliability and maintenance free.

SPECIFICATIONS

Thickness of panel (mm)	50 / 75 / 100 / 125 / 150 / 200
(Standard) Width	1.174 meters maximum
Material of skin	Laminated pre-painted galvanized (white) Sheet or Stainless Steel skin also available on request. All panels surface are laminated with standard plastic protective film
Thickness of skin	0.5mm (Pre-painted Galvanized Sheet) 0.5mm 2B304 (S/Steel Sheet) 0.5mm 2B316 (S/Steel Sheet) 0.7mm 2B304 (S/Steel Sheet) 0.7mm 2B316 (S/Steel Sheet)
Joining / Locking Mechanism	Semi-camlock or fully camlock system

TYPICAL PHYSICAL PROPERTICS (PU)

TEST PARAMETER	UNIT	TEST METHOD	DATA
Core Density, kg/m3	kg/m3 ±2	ASTM D 1622	42 - 44
Close Cell content, %	%	ASTM D 2856	≥ 95
Thermal Conductivity, K Value (at ~23 Deg C)	mW / mK	ASTM C 518	22 - 24
Compressive Strength:		ASTM D 1621	
Perpendicular to Thickness direction	kPa		≥ 160
Parralel to Thickness direction	kPa		≥ 190
Dimensional Stability (% volume change):		ASTM D 2126	
at +70 Deg C (24 - 48hrs)	%		< 1.0
at -20 Deg C (24 - 48hrs)	%		< 1.5
at -35 Deg C (24 - 48hrs)	%		< 1.5
Operating Temperature	°C	-	- 40 to +80

Product certification & approval:



CERTIFIED TO BS 476:PART 6:1989
CERTIFIED TO BS 476: PART 7:1997
CERTIFICATION NO: FL000004

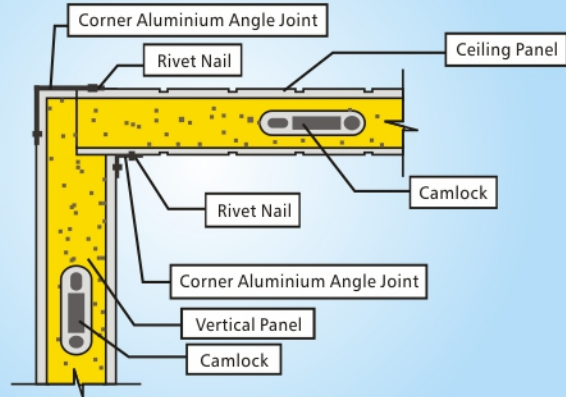
Recognition (HCFC Phase Out):



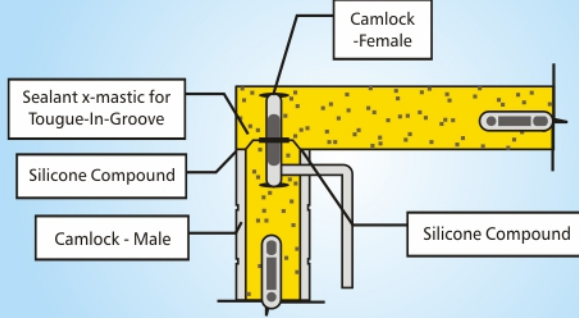
AVAILABLE THICKNESS



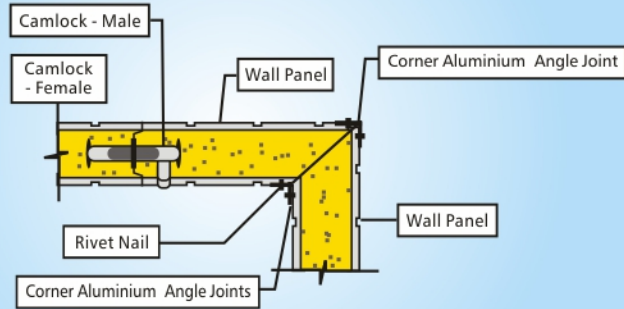
Installation Details for Vertical Panels and Ceiling (Semi Camlock)



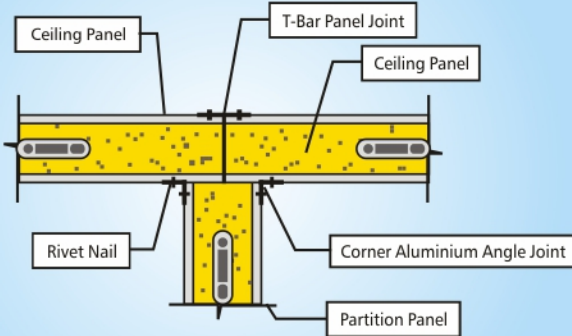
Installation Details for Coner Wall Ceiling and Floor. (Tongue-in-Groove Fully Camlock System)



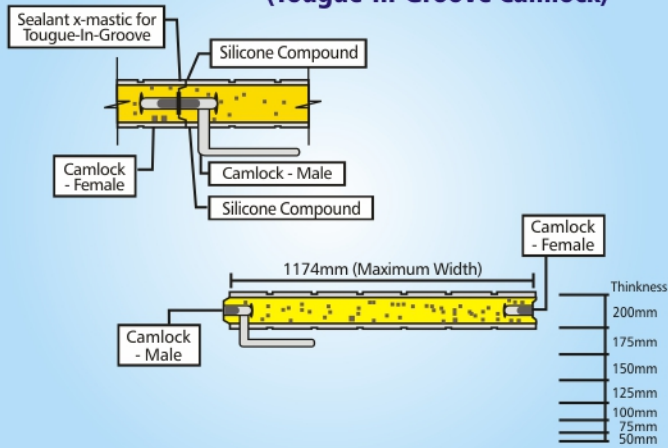
Installation Details for Vertical Panels and Floor (Semi Camlock)



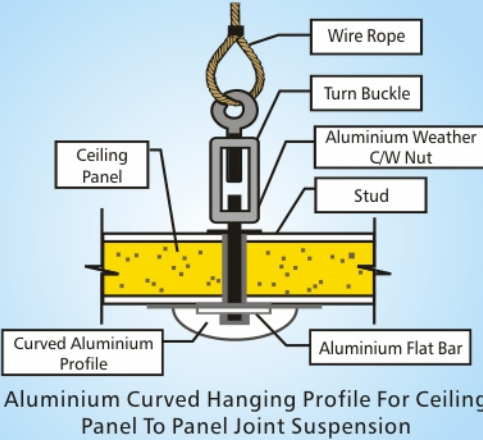
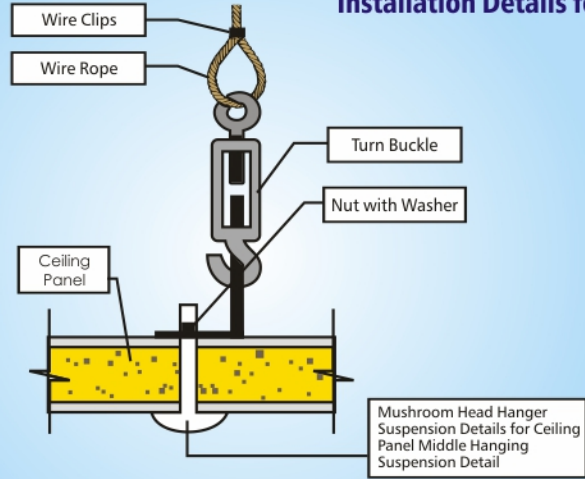
Installation Details for Ceiling and Partition



Installation Details for Wall Panel. (Tougue-In-Groove Camlock)



Installation Details for Ceiling Panels Hanging Profiles & Hanging Suspension



Aluminium Curved Hanging Profile For Ceiling Panel To Panel Joint Suspension

