



DURAPUF
INSUTECH PANELS LLP

Premium Sandwich PUF & PIR Panels for

Next-Gen Infrastructure



Fire-Retardant
Core



Superior Thermal
Insulation



Energy-Efficient
Performance



Enhanced Aesthetic
Insulation



High Structural
Strength

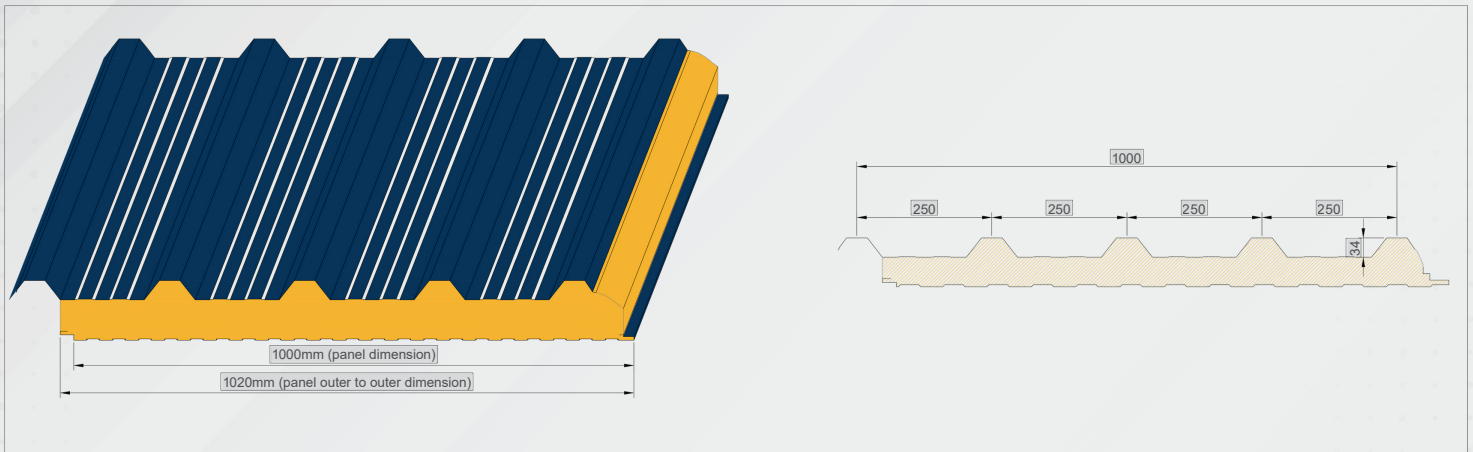


Quick & Easy
Installation

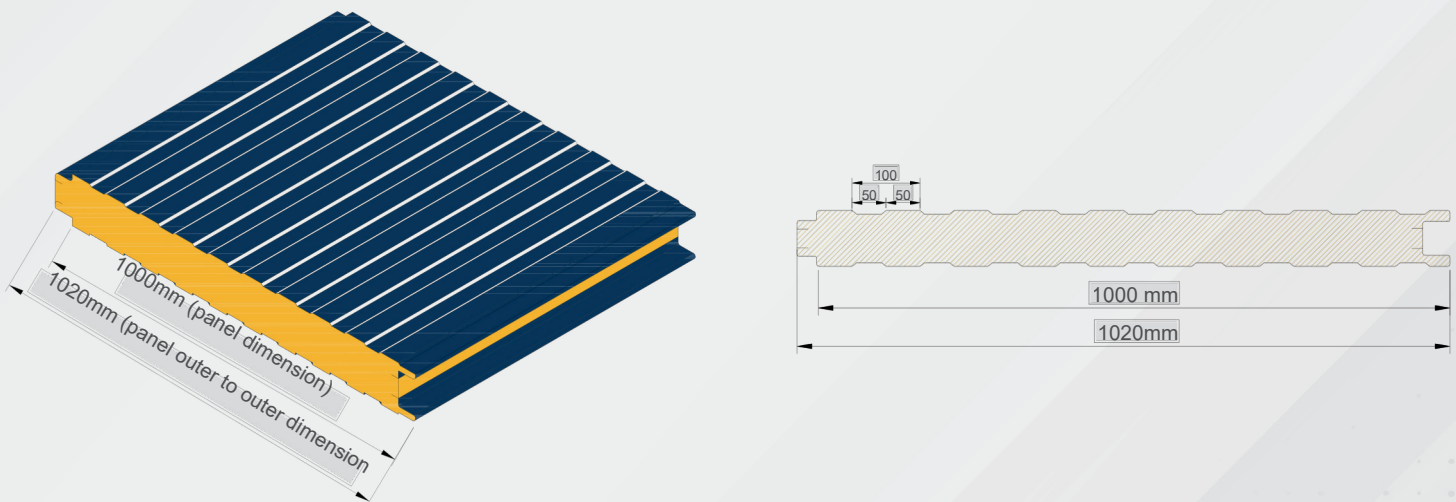


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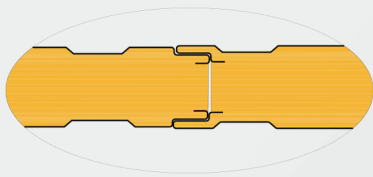
DURAPUF ROOF PANEL



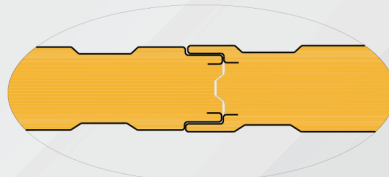
DURAPUF WALL PANEL



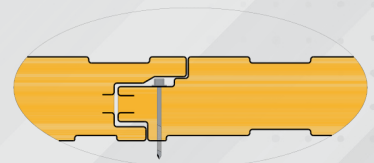
Types of Joints



1. Single Tongue & Groove (for 30 to 50 mm)



2. Double Tongue & Groove (for 60 mm and above)



3. Concealed Fastener (for 40 to 100 mm)

Material Specification

Top Sheet	0.4mm to 0.8mm
Bottom Sheet	0.3mm to 0.8mm
PUF Thickness	30mm to 180mm
Available Length	all standard lengths (customized also available)

Technical Specification

Core Density	$40 \pm 2 \text{ kg/m}^3$
Water Absorption	$\leq 2\%$ by volume Closed-cell content:$\geq 90\%$
Thermal Conductivity	0.024 0.03 W/m°C
Service Temperature	-40°C to +80°C

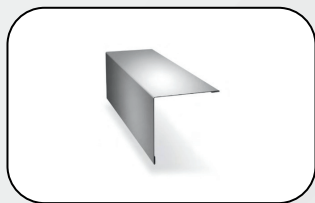
Fire Specification

Normal PUR	DIN 4102 Class B3 EN13501-1 Class E-F	Easily combustible
FR-PUR	DIN 4102 Class B2 EN13501-1 Class E	Normally combustible
PIR	DIN 4102 Class B1 EN13501-1 Class B	Hardly combustible

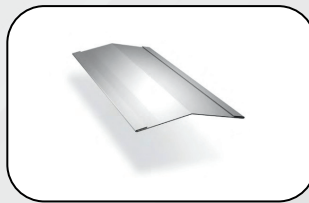
PUF ACCESSORIES



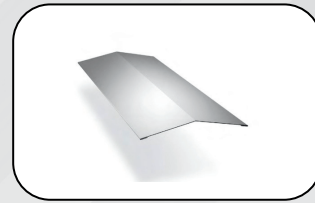
Internal Flashing



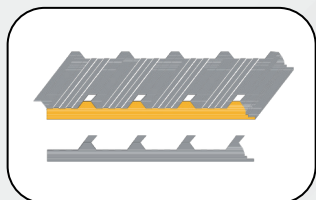
External Flashing



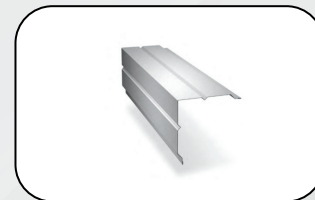
Internal Ridge



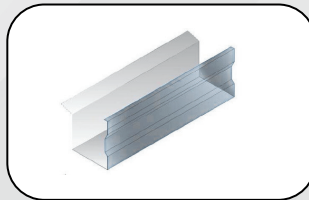
External Ridge



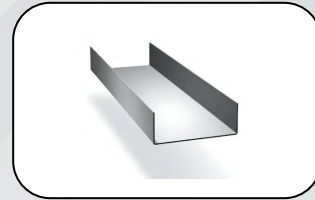
Roof End Cap



Roof Side Flashing



Rain Gutter Flashing



Door Flashing

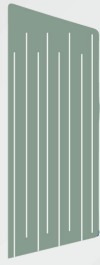
COLOUR OPTIONS



Off white
(Ral 9002)



Light blue
(Ral 5012)



Mist green
(Ral 6011)



Coral red
(Ral 3016)



Turquoise blue
(Ral 5018)



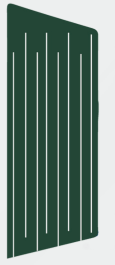
Azure blue
(Ral 5009)



Graphite grey
(Ral 7024)



Dusty grey
(Ral 7037)



Caulifield green
(Ral 6005)

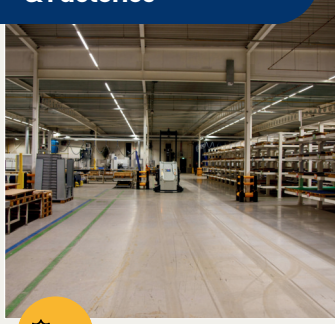
APPLICATION

Cold Storage & Cold Rooms



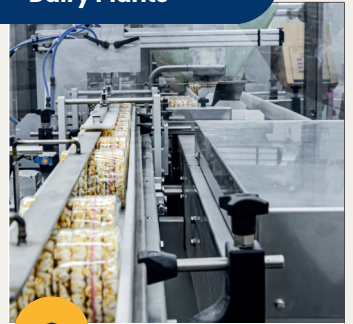
Temperature controlled environments

Industrial Warehouses & Factories



Thermal efficiency & durability

Food Processing & Dairy Plants



Hygienic & easy to clean

Pharmaceutical & Clean Rooms



Airtight & energy efficient

Prefab Structures & Site Offices



Quick & portable solutions

Logistics, Ripening Chambers & Pack Houses



Stable & energy saving

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