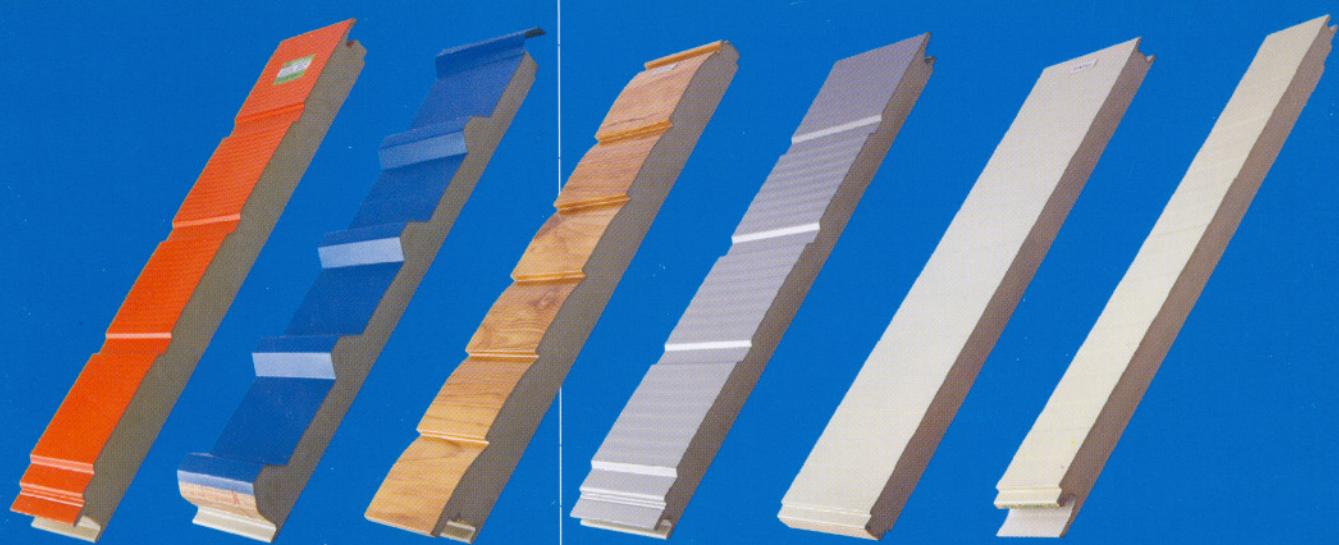




Sintex

CONTINUOUS SANDWICH PANELS

For combining beauty, durability and thermal efficiency

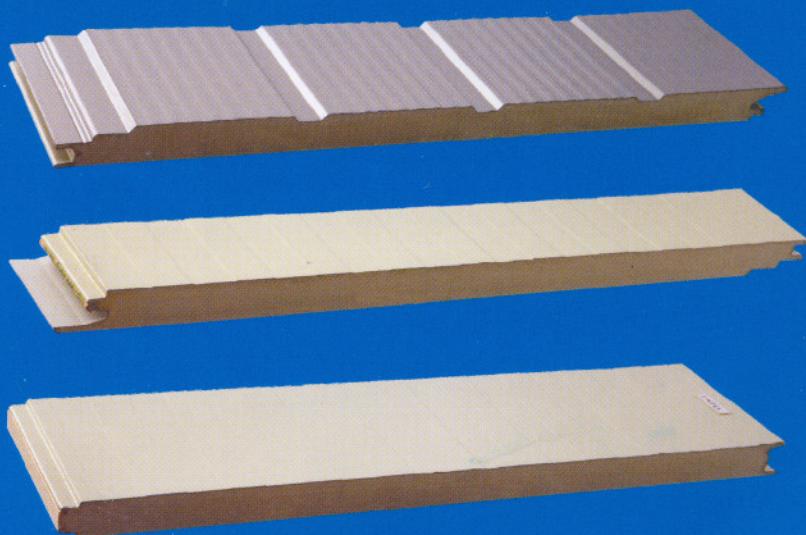


Sintex

CONTINUOUS SANDWICH PANELS

In line with our innovative past, we are now pleased to introduce Structural insulated sandwich panels for wall cladding and roofing for multifarious applications. Polyurethane foam is recognized world over as an optimum insulation cum structural material. Sintex panels are, therefore, made using superior quality CFC free polyurethane foam along with appropriate corrosion resistant metallic facing material to deliver panels that combine excellent durability with beauty.

Sintex panels are made on the most modern continuous plant and possess superior properties as against others. They can be made with different types of facing materials, different thicknesses, proprietary and exclusive joint system to deliver to you the best combination of aesthetics, durability and thermal insulation.



Outstanding Advantages :

- Structurally strong with fantastic insulation.
- Light weight and easy to install.
- Reduce steel framework and load bearing foundation considerably and hence very economical.
- Superior and proprietary tongue and groove system, hence leak proof and easy to fix.
- Available in customized length as per requirement to reduce number of joints and installation cost.
- Made on state-of-the-art imported plant and therefore superior in quality.
- Facing made of top quality metallic colour coated sheets and guaranteed for long life.
- Varieties of finishes available to match aesthetic needs.
- Much thinner than traditional walls and increase floor space.
- Great energy saver and hence indispensable in air-conditioned, cooled and heated buildings.
- Versatile and suitable for all types of built environment starting from residential blocks to offices, warehouses, commercial complexes, site offices, telecom shelters, etc.
- Cost effective and bring down life cycle cost for any built environment.
- Virtually zero maintenance throughout life.

Typical Properties of Sintex Sandwich Panels :

Density of PU Foam	40 ± 2 Kg / Cu. Mtr
Tensile Strength of PU Foam	4 Kg / Sq. Cm
Compressive Strength (10% Deformation)	2.1 Kg / Sq. Cm
Thermal Conductivity at 10 Deg C	0.02 W / M. Deg K
Temperature Range	-80 Deg C to + 100 Deg C
Width	1000 mm
Length	As per customer requirement.
Finish	Plain/ Ribbed
Thickness Range 40mm, 50mm, 75mm and 100mm	
WALLING PANELS	
External Facing	0.5 mm / 0.6 mm Colour coated G.I.
Internal Facing	0.5 mm / 0.6 mm Colour coated G.I.
ROOFING PANELS	
External Facing	0.5 mm / 0.6 mm Colour coated G.I.
Internal Facing	0.5 mm / 0.6 mm Colour coated G.I. OR Aluminium Foil OR Craft Paper

Colours for Walling:



Light Silver



Green



Saffron



Blue

Colours for Roofing:



Light Silver



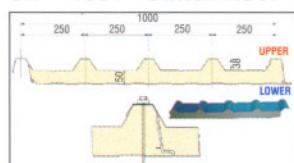
Blue

Range :

We are right now offering the following :

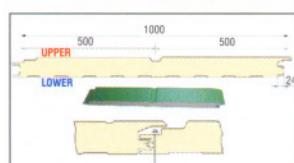
Roofing panel of one type and walling panels with 4 types of joints in 3 different types of skin contours.

SIP - 1001 - Sintex Roof Panels



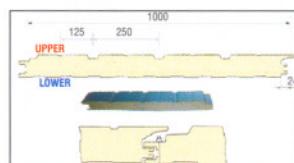
- Crown type overlapping joint
- Provides an excellent weatherproof cladding.
- External facing profile overlaps over the adjacent panel.
- Unique fitting arrangement to prevent water leakage from the roof.
- Thicknesses available 40mm, 50mm, 75mm, 100mm

SIP - 2001 - Sintex Wall Panels (Concealed Fasteners - Single Profile)



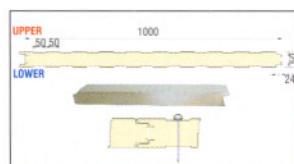
- Special tongue & groove type joint in which the fastener is concealed.
- The fixing profile interlocks with the corresponding profile of the outer panel.
- Single Rib profile between two joints
- Homogenous surface.
- Good looking appearance.
- Ideal for office / commercial buildings.
- Thicknesses available 40mm, 50mm, 75mm

SIP - 2002 - Sintex Wall Panels (Concealed Fasteners - 3 Profiles)



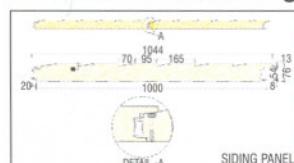
- Unique tongue & groove type jointing system.
- The fastener is concealed inside outer layer.
- Three Rib profiles between two joints.
- Greater Rigidity.
- Ideal for office/commercial buildings.
- Thicknesses available 50mm, 75mm, 100mm

SIP - 2003 - Sintex Wall Panels (External Fasteners)



- Tongue and groove type jointing system.
- Fasteners are visible.
- Perfect panel to panel finish.
- Snug insulation to insulation fitment.
- Ideal for industrial bldg / blast freezers / cold storages and chiller rooms
- Thicknesses available 40mm, 50mm, 75mm

SIP - 2004 - Sintex Siding Panels

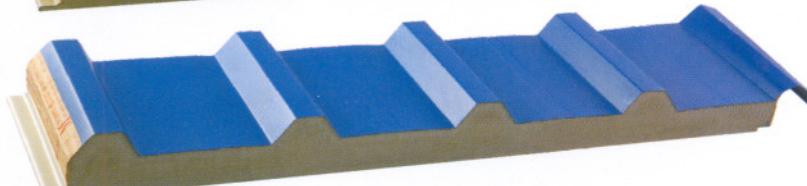


- Specially designed for siding type look.
- Unique and innovative design.
- Wood carving shape gives extra beauty to the panels.
- Ideal for Farm house / Motels / Leisure and entertainment Industry
- Thicknesses available 50mm, 75mm

SIP - 2002



SIP - 1001



SIP - 2004





Farm House with siding Panels

Applications :

Sintex sandwich panels are great both for new buildings and retrofitting / refurbishment to existing buildings structures:

- Industrial sheds
- Malls
- Multiplexes
- Commercial Complexes
- Pre-engineered Building-PEB's
- Warehouses
- Cold Rooms
- Cold Storages
- Shelters
- Prefabricated Houses
- Refrigerated Vehicles
- Laboratories
- Bunk Houses
- Equipment Shelters
- Air Handling Units
- Workshops
- Farm Houses



Ministry of Power, Government of India, has now brought out energy conservation building wide (ECBC 2007). For buildings, having a connected load of 500 kW or above, these panels are ideal to keep 'U' value at designated levels, which can be achieved only with proper insulation both for walling and roofing. Sintex sandwich panels will be ideal for such buildings both from the angle of new installation as well as retrofitting.

In view of the energy crisis, it will be worthwhile to consider insulating the present envelope of buildings. Here again Sintex panels installed as per recommendation given by us will be of great value in bringing down the energy load and reducing running bills.