

Advantages of Sandwich Puf Panel Sheets in Buildings



PUF panels are sandwiched panels made of polyurethane which is usually sandwiched between two metal sheets. [Sandwich puf panels](#) are widely used in steel structures in the present day due to their various advantages. PUF panels are also available in different sizes depending on the requirement and a PUF panel supplier or [PUF panel manufacturer](#) should be able to design them according to your specifications.

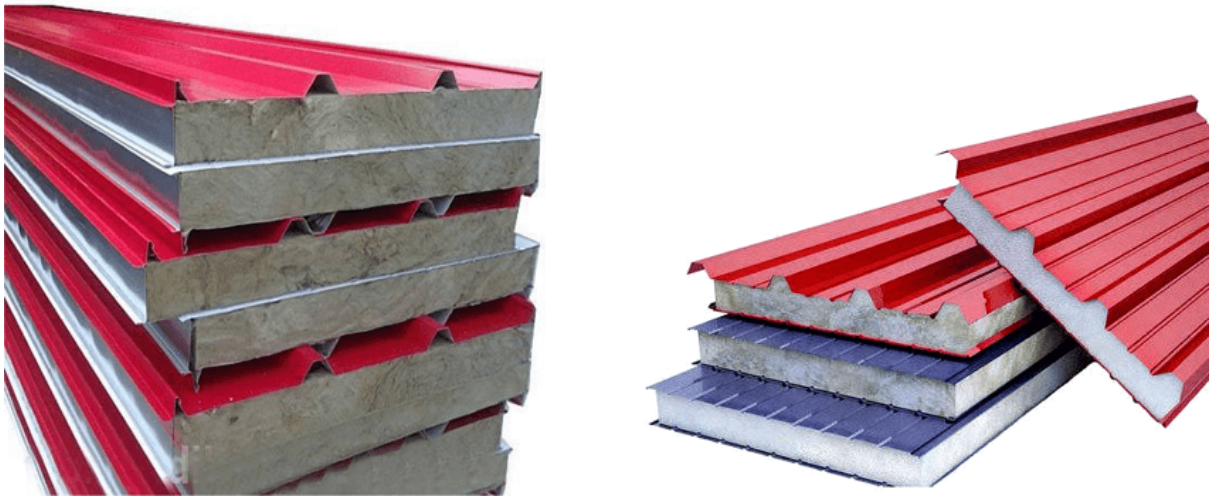
A PUF panel's core is made of polyurethane while the interior and exterior are made up of thin [metal sheets](#). This gives them excellent heat and sound resistance and insulating properties. Due to these reasons, they are commonly used in the construction of various structures such as airports, exhibition halls, cold storages, auditoriums etc.

PUF panels save energy costs while increasing the performance of a structure. The following are some of the advantages of sandwich puf panel sheets.

Benefits of Sandwich Puf Panel Sheets:

#1 - Energy Savings Due to Low Thermal Conductivity:

PUF panels are good heat insulators so they can protect the inner environment from ambient heat and sunlight and can keep the indoors cool. This means lesser energy will be used to keep the premises inside the structure cool which can save costs incurred in indoor cooling during hot weather.



Similarly, if the temperature outside is low, the PUF panels can retain the heat inside the structure to keep it warm and comfortable inside. So PUF panels are an ideal choice for industries and offices.

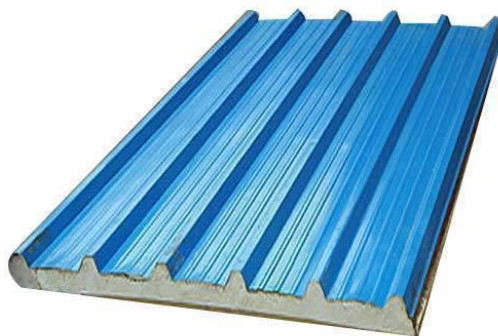
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#2 - Reduces the Effect Of Noise Pollution:

Due to the sandwiched structure of the PUF panels, they act as good acoustic shields. So, they don't let the noise pass through and can protect the inner environment from outside noise. This is very beneficial in structures that are located closer to busy roads, highways or construction sites where noise pollution is heavy.

This property is also useful in the construction of auditoriums or theatres where acoustics play a very important role.

#3 - Weather Resistant:



PUF panels are resistant to extreme weathers such as winds, rainfall or snow and can keep the indoors protected from environmental effects. They are also resistant to corrosion so this kind of structure requires less maintenance as it can withstand adverse climates. This makes them easy to use in structures built on any kind of geographical location.

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#4 - Lighter and Easier To Install:

PUF insulated sheets are generally lighter compared to their size and so can be moved around easily. It also makes handling them on the site easier where they are supposed to be installed. So, the installation can be done with comparatively less manpower. This in turn brings down the combined construction cost of materials and labour which results in more savings.

#5 - Durable and Inexpensive:

As Sandwich PUF panels require very little maintenance and can withstand all kinds of weather, they are extremely durable and have a long life. They are ideal for structures that are built to last for a long time. At the same time, they are not very expensive so it's a great choice for all kinds of construction projects.

PUF panels have found widespread usage in construction today due to their numerous advantages. Their aesthetic appeal, as well as design potential, make them an ideal choice for architects. Additionally, their acoustic properties give them an edge over other [roofing materials in construction](#).

Bansal Roofing Products Ltd. is the best manufacturer of PUF panel sheets in Vadodara, Gujarat. We provide sandwich PUF panels that are suitable in different sizes and shapes according to the application. Our PUF panels are manufactured using the best materials and are of high quality and extremely durable. Our PUF panels are ideal for all kinds of applications including roofs and walls. For all your PUF panel requirements, get [in touch with Bansal Roofing](#) today.

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