

Acoustic 3D Fabric Panel

Technical Data Sheet

This panel is made of completely stable (recyclable) materials, it reflects the sound waves produced with variable frequency in the available space due to impact with the surface of the wall or ceiling.

Panels produced from environmentally friendly and harmless materials increase the sound quality of the space, while making the space out of the ordinary with modern designs and rich color options.

RAW Material

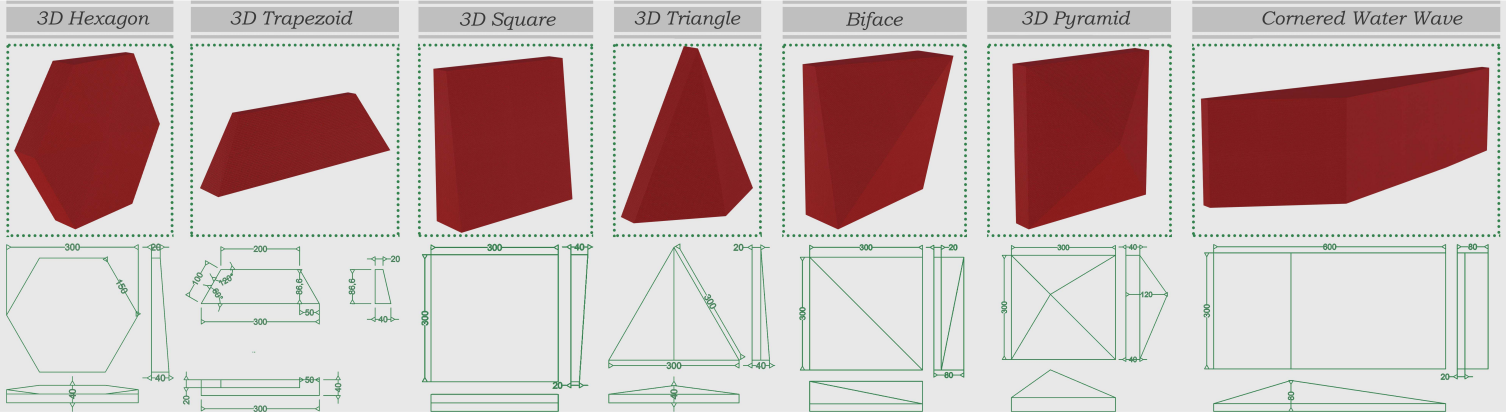
95 kg/m³ high density semi-rigid fiberglass.

Edge Details

Flat faced with square and strengthened edges.

Fire Resistance Class

Class A2 s1 d0 according to UNE-EN 13501-1:2007



Tolerance-Strength

It is easily portable and has standard mechanical strength, does not deflect.

Weight

Carrier system included
approx 7 kg/m²

Heat Penetration Resistance

0,487 m²K/W

Moisture Resistance

According to ISO 4611, it is resistant to 85% relative humidity at 30 °C.

Ease of Use

Detachable, provides easy and quick access.

Cleaning

It is cleaned with a vacuum cleaner. It can be wiped with a slightly damp cloth.

Acoustic Features

NRC value is between 0,95 and 1,00

DIMENSIONS

Thickness

40 mm up to 120 mm.

Sizes

Project based, custom size can be manufactured.

Board Size

1220x2440 mm or 1220x3000 mm

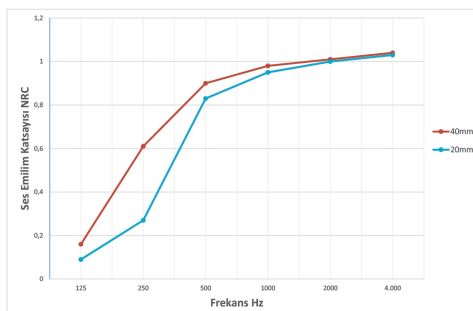
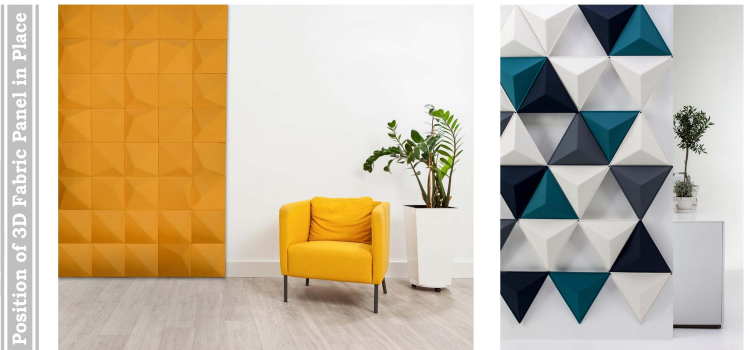
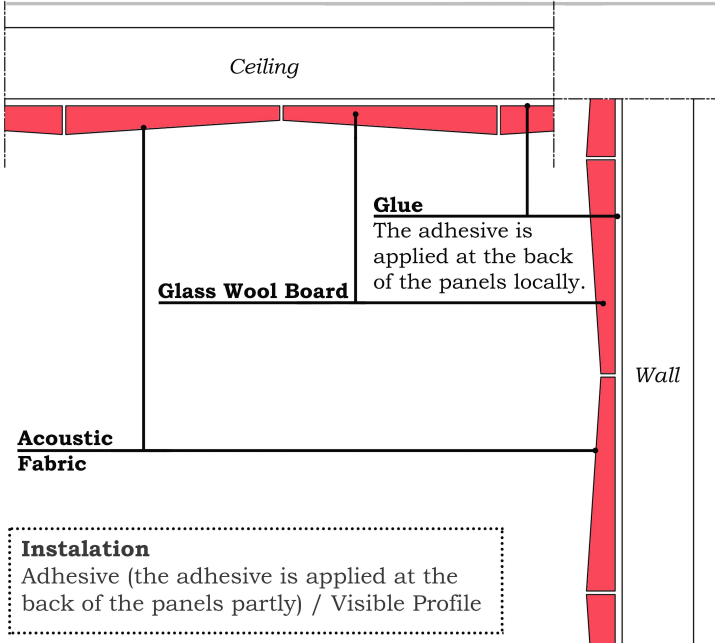
Fabric Size

1400 mm

Product Description

Front and back surface of the high density glass wool panel is covered with glass wool tissue. The exposed surface and strengthened all edges are covered with resistant fabric. Various colours of fabric are available. The edge folding proceeds 3-5 cm on the back surface.

Panel Instalation Detail



α_w (ISO 11654) = 1,00
NRC (ASTM - C423) = 0,95

20 mm						
0,09	0,27	0,83	1,01	1,02	1,01	
1/3 Oct.	0,10	0,43	0,96	1,01	1,00	1,02
	0,19	0,64	1,01	1,02	0,99	1,06
1/1 Oct.	0,13	0,45	0,93	1,01	1,00	1,03

40 mm						
0,16	0,61	0,90	0,98	1,01	1,04	
1/3 Oct.	0,31	0,79	0,97	0,99	1,02	1,03
	0,48	0,84	0,96	0,97	1,01	1,04
1/1 Oct.	0,32	0,75	0,94	0,98	1,01	1,04