Akustik 3D Kumaş Panel

Teknik Bilgi Sayfası

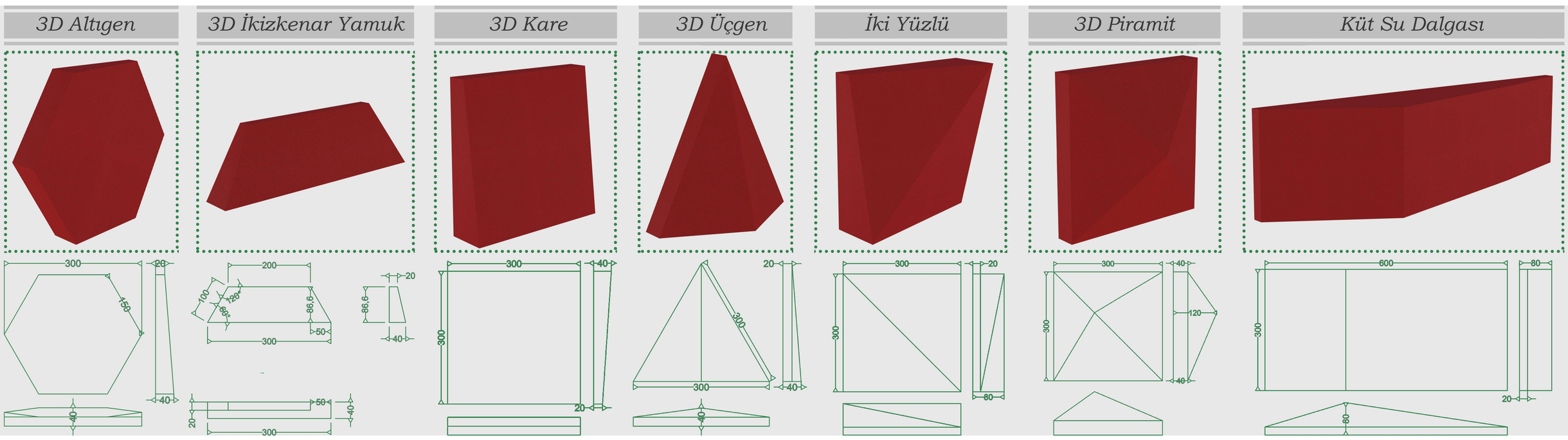
Mevcut mekânda oluşan değişken frekanstaki ses dalgalarının duvar veya tavan yüzeyine çarpması neticesinde rezonansa girmesini önleyici ve sesin net olarak duyulmasına imkân veren panel tamamen sürdürülebilir (geri dönüştürülebilir) malzemelerden üretilmektedir.

Doğa dostu ve zararsız malzemelerden üretilen paneler, mekânın ses kalitesini artırırken modern tasarımları ve zengin renk seçenekleri ile mekanı sıradanlıktan çıkarır.

Ham Madde
95 kg/m³ yoğunlukta akustik cam yünü levha.

Kenar Detayı
Düz ve güçlendirilmiş kenar.

Yangın Dayanım Sınıfı
UNE-EN 13501-1:2007 Standardına göre A2 s1 d0 Sınıf.



Taşıma-Dayanım
Kolay taşınabilir ve standart mekanik dayanıma sahiptir, sehim yapmaz.

Ağırlık
Taşıyıcı sistem dahil yaklaşık 7 kg/m²

Isı Geçirgenlik Direnci
0,487 m²K/W

Nem Dayanımı
ISO 4611 e göre 30 C° sıcaklıkta % 85 bağıl neme dayanıklıdır.

Hammadde Ölçüsü
1220x2440 mm ya da 1220x3000 mm

Kumaş Genişliği
1400 mm

Kullanım Kolaylığı
Sökülebilir, kolay ve hızlı erişim sağlar.

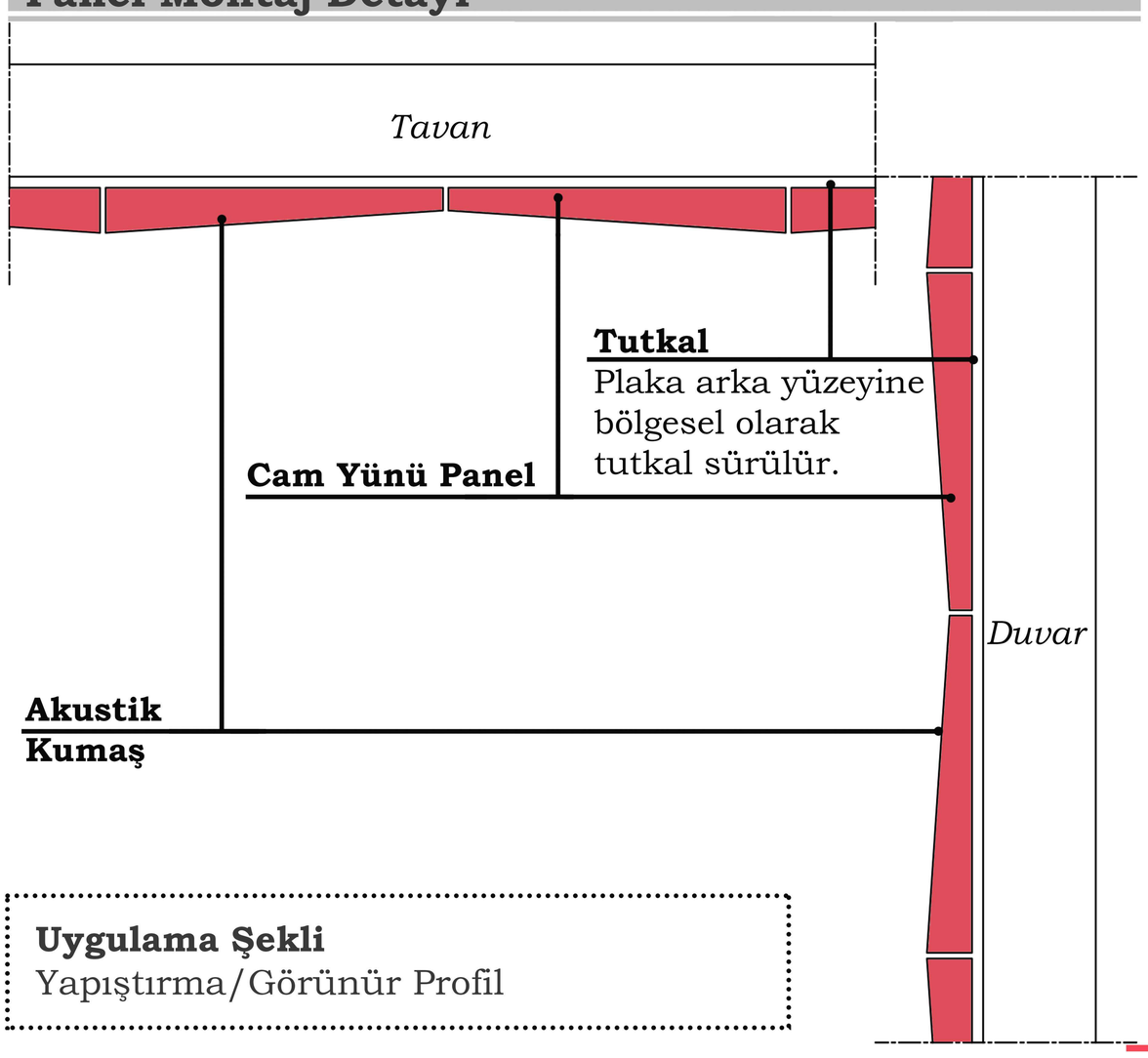
Temizlik
Elektrikli süpürge ile temizlenir. Hafif nemli bezle silinebilir.

ÖLÇÜLER
Kalınlık
40 mm'den 120 mm'ye kadar kalınlaşabilen panellerdir.
Ebatlar
Standar ölçüler haricinde proje bazlı olarak farklı ölçü üretilebilir

Akustik Özellikler
EN ISO 354 oda metodu testine göre NRC 0,90 ile 1,00 arasındadır.

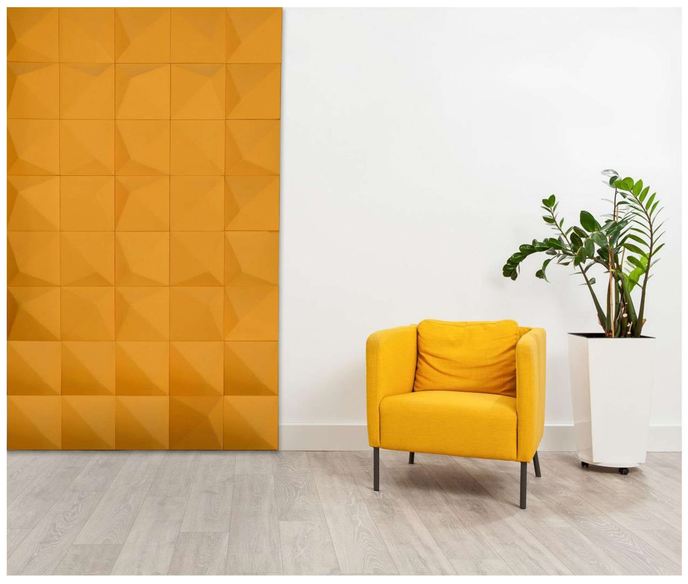
Ürün Tanımı
Yüksek yoğunluktaki cam yünü panelin ön ve arka yüzü camtülü ile kaplanır. Ön yüzey ve sertleştirilmiş kenarlar akustik kumaş ile kaplanır. Akustik kumaş, kenarlardan 3- 5 cm arka yüzeye katlandıktan sonra arka yüzeyin üzerine tela kaplanır. Birçok renk seçeneği mevcuttur.

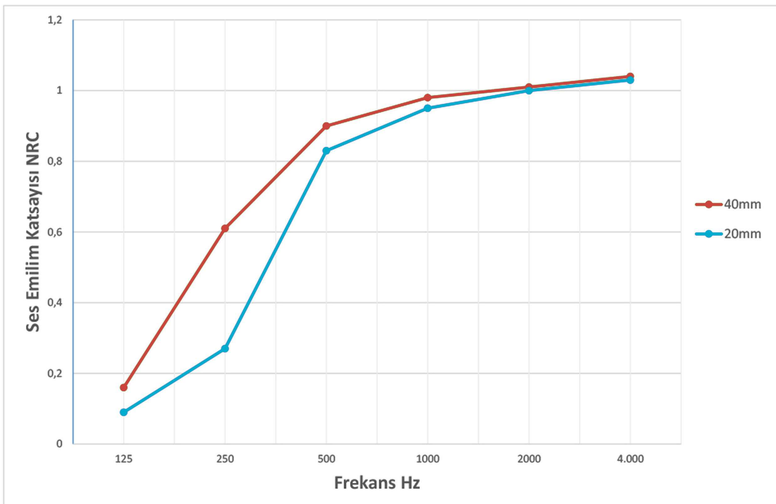
Panel Montaj Detayı



Uygulama Şekli
Yapıştırma/Görünür Profil

3D Kumaş Panel Mekan Uygulama Görselleri





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

	20 mm					
1/3 Oct.	0,09	0,27	0,83	1,01	1,02	1,01
	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					
1/3 Oct.	0,16	0,61	0,90	0,98	1,01	1,04
	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

Acoustic 3D Fabric Panel

Technical Data Sheet

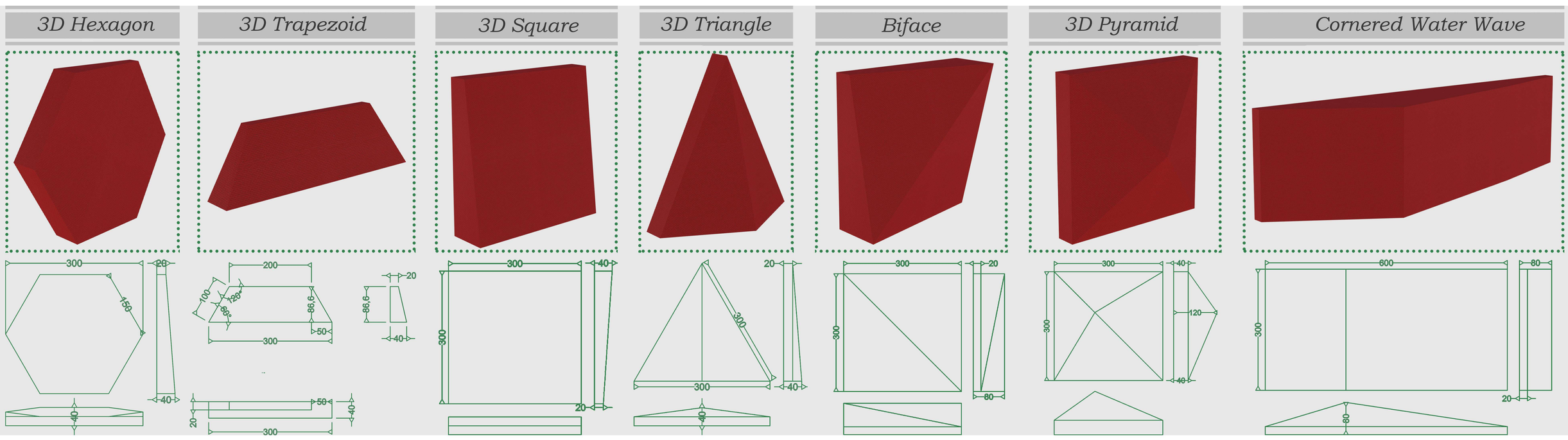
This panel is made of completely stable (recyclable) materials, it reflects the sound waves produced with variable frequency in the available space due to impact with the surface of the wall or ceiling.

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

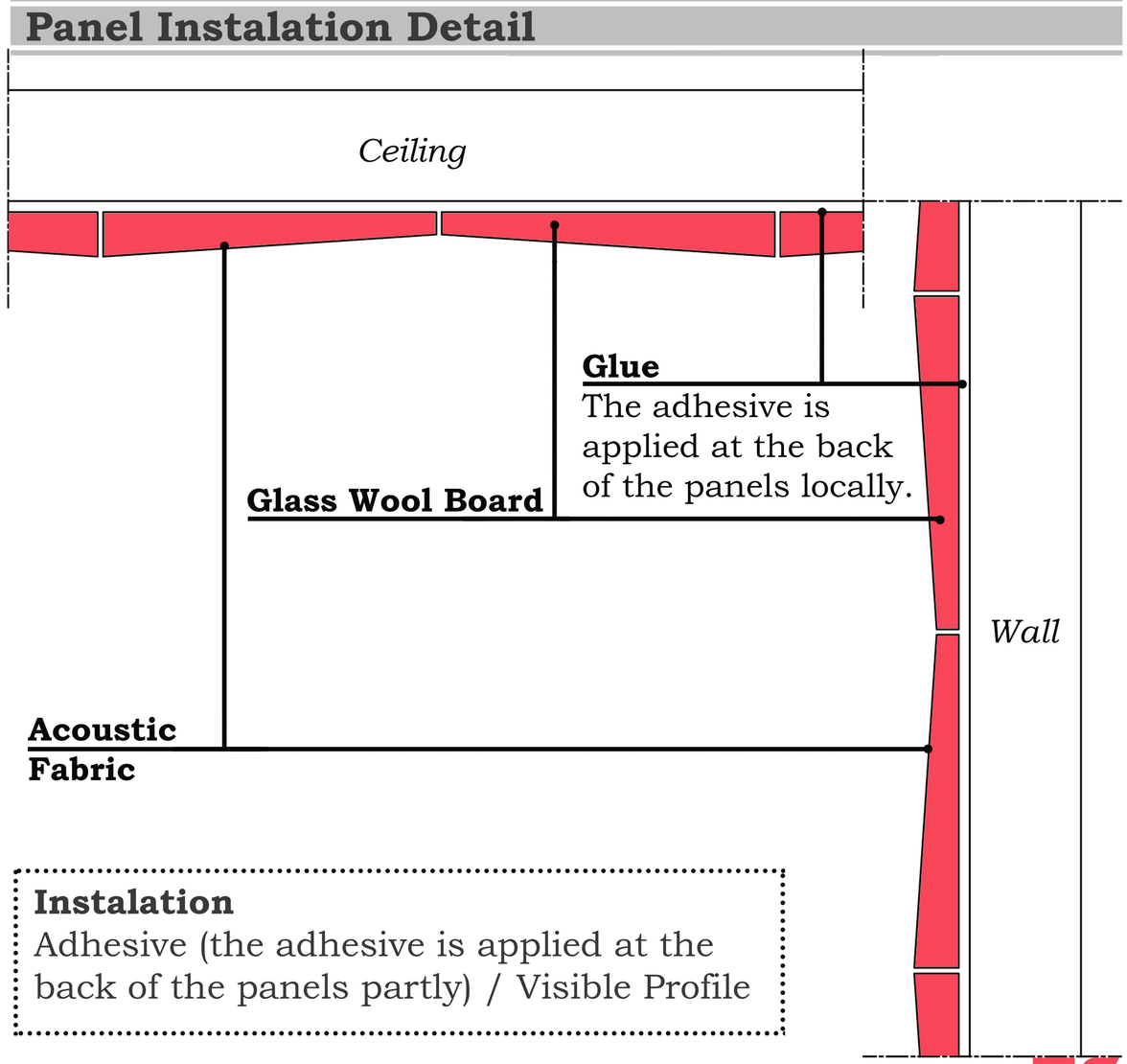
DIMENTIONS
Thickness
40 mm up to 120 mm.
Sizes
Project based, custom size can be manufactured.

Board Size
1220x2440 mm or 1220x3000 mm

Fabric Size
1400 mm

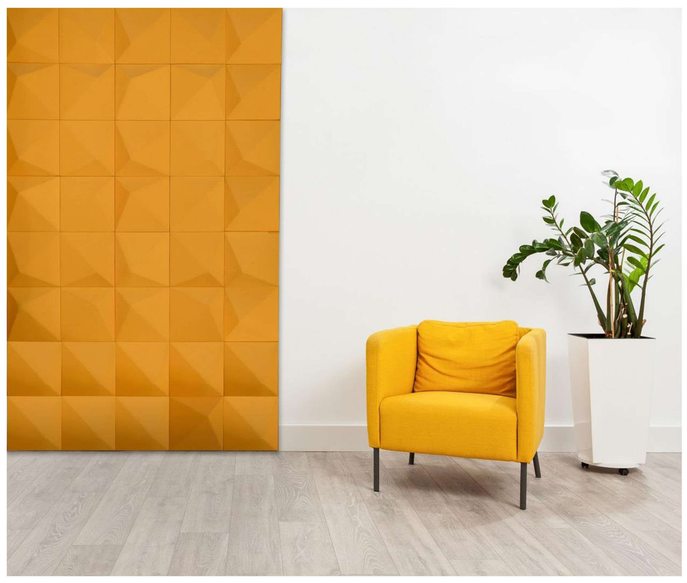
Product Description
Front and back surface of the high density glass wool panel is covered with glass wool tissue. The exposed surface and strengthened all edges are covered with resistant fabric. Various colours of fabric are available. The edge folding proceeds 3-5 cm on the back surface.

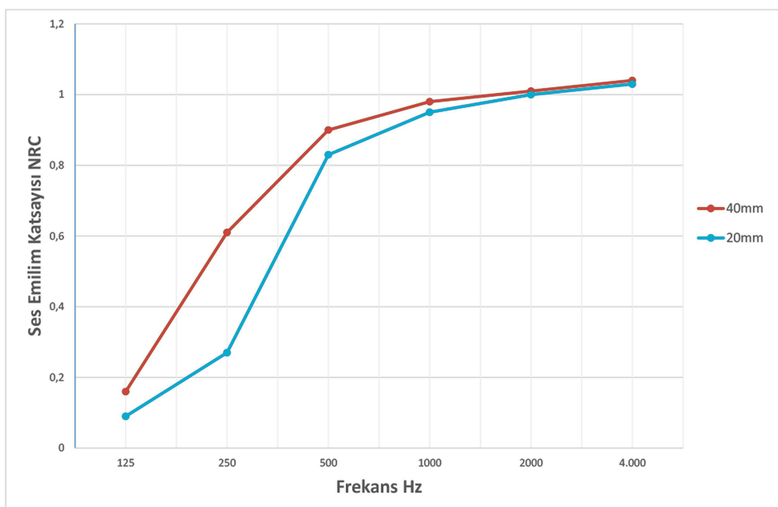
Panel Instalation Detail



Instalation
Adhesive (the adhesive is applied at the back of the panels partly) / Visible Profile

Position of 3D Fabric Panel in Place





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Panneau de Tissu Acoustique 3D

Fiche Technique

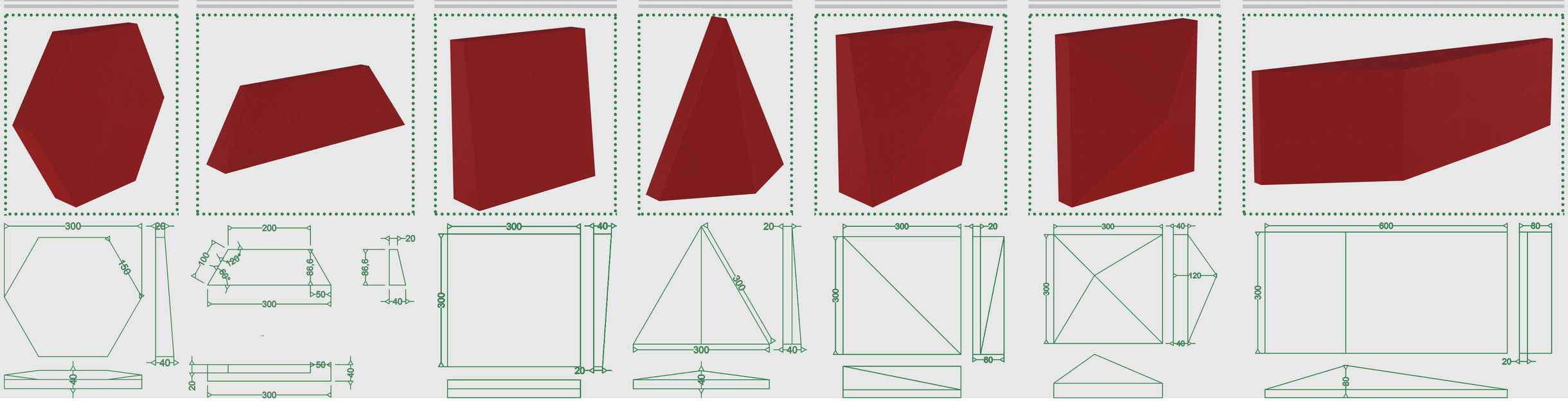
Ce panneau est fait de matériaux complètement stables (recyclables) matériaux, il reflète les ondes sonores produites avec fréquence variable dans l'espace disponible en raison de l'impact avec la surface du mur ou du plafond. Ces panneaux sont fabriqués à partir de matériaux respectueux de l'environnement et des matériaux inoffensifs augmentent la qualité sonore du l'espace, tout en rendant l'espace hors du commun avec des designs modernes et des options de couleurs riches.

Matière Première
Fibre de verre semi-rigide haute densité 95 kg/m³.

Détails du Bord
Face plate avec bords carrés et renforcés.

Classe de Résistance Au Feu
Classe A2 s1 d0 selon UNE-EN 13501-1:2007

Hexagone 3D | *Trapèze 3D* | *Carré 3D* | *Triangle 3D* | *Biface* | *Pyramide 3D* | *Vague d'eau Acculée*



Tolérance-Force
Il est facilement transportable et possède une résistance mécanique standard, ne dévie pas.

Poids
Système de transport inclus environ 7 kg/m²

Résistance à la Pénétration de la Chaleur
0,487 m²K/W

Résistance à L'humidité
Selon la norme ISO 4611, il résiste à 85 % d'humidité relative à 30 °C.

Facilité d'utilisation
Détachable, offre un accès facile et rapide.

Nettoyage
Il se nettoie avec un aspirateur. Il peut être essuyé avec un chiffon légèrement humide.

Les Caractéristiques Acoustiques
La valeur NRC est comprise entre 0,95 et 1,00

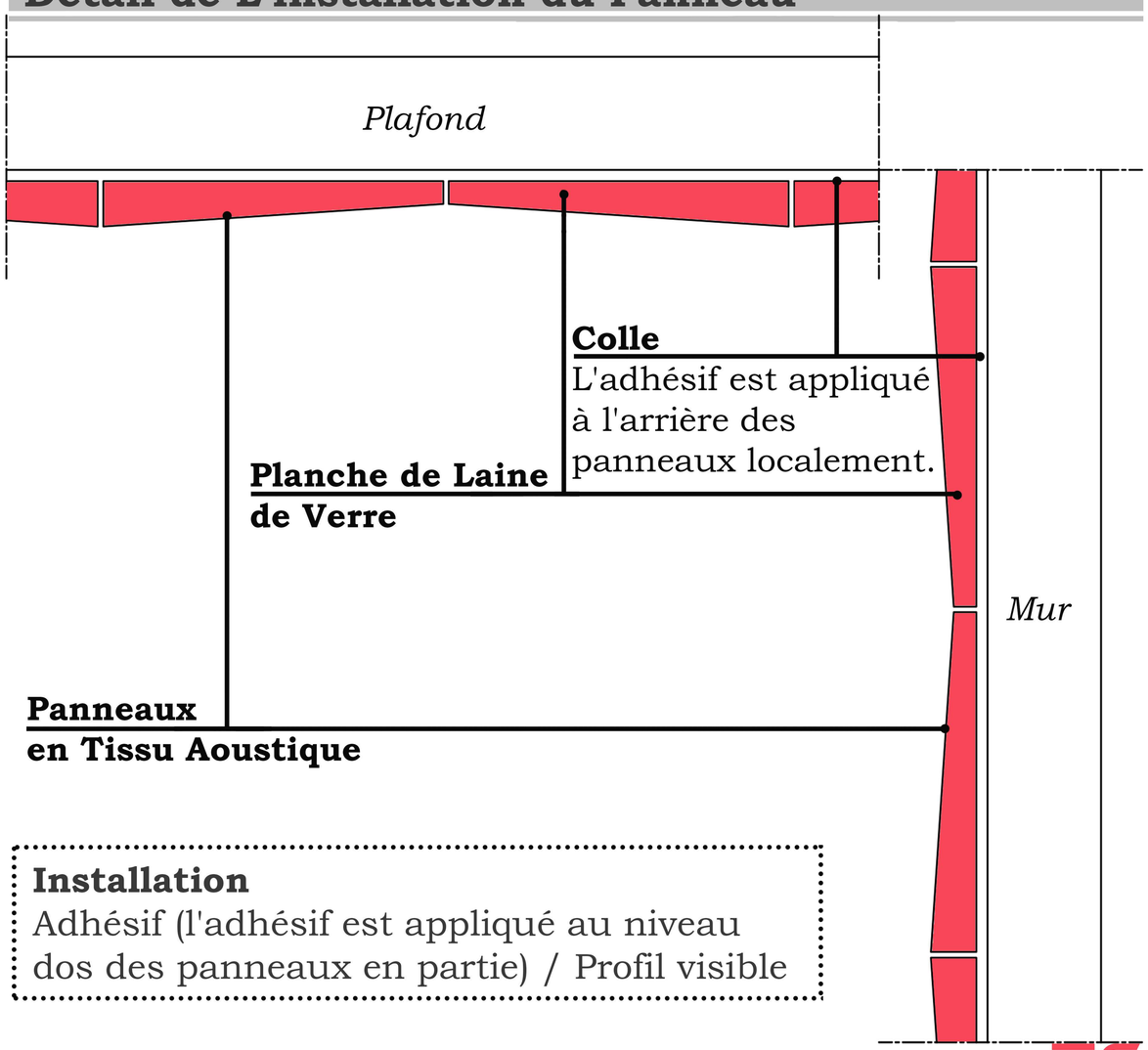
LES DIMENSIONS
Épaisseur
40 mm à 120 mm.
Les Tailles
Basé sur un projet, une taille personnalisée peut être fabriquée.

Taille du Tableau
1220x2440 mm or 1220x3000 mm

Taille du Tissu
1400 mm

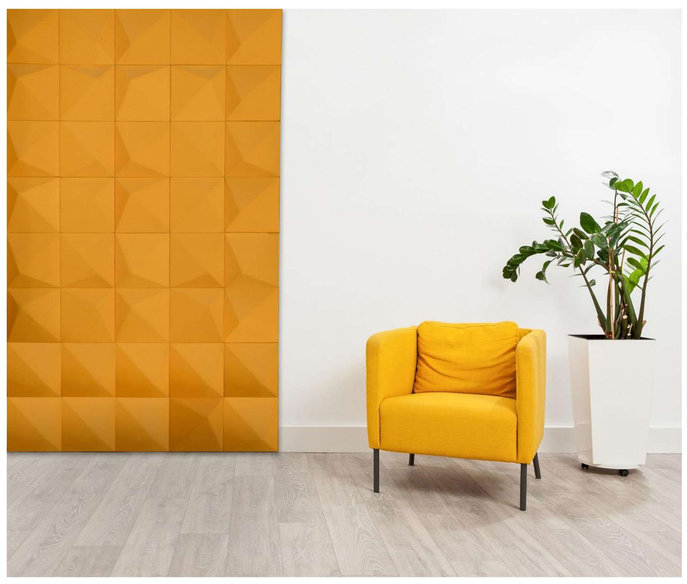
Description du Produit
Les surfaces avant et arrière du panneau de laine de verre haute densité sont recouvertes de tissu en laine de verre. La surface exposée et tous les bords renforcés sont recouverts d'un tissu résistant. Différentes couleurs de tissu sont disponibles. Le pliage des bords s'étend sur 3 à 5 cm sur la surface arrière.

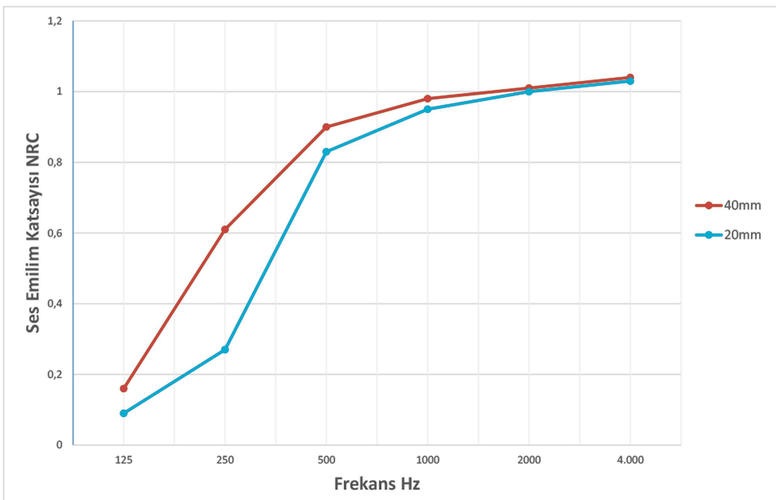
Détail de L'installation du Panneau



Installation
Adhésif (l'adhésif est appliqué au niveau dos des panneaux en partie) / Profil visible

Position du Panneau de Tissu 3D en Place





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