

## Tekboard Acoustic Panel

**Tekboard** is a premium quality composite panel designed to reduce unwanted noise and create a quieter environment.

The core is made of honeycomb cardboard cells which can also be laminated with thin recycled wood panels. This strong lightweight board is covered with nonwoven polyester fibers providing superior acoustic properties in a cost effective solution.



### FEATURES

- Amplifies the acoustical properties
- Lightweight & cost effective alternative to heavy solid, traditional materials
- Available in many colors
- Tackable properties on both sides
- Tough and abrasive resistant
- Offers high stiffness properties
- Offers almost an infinite number of possibilities and applications

## Standard offer

- Tekboard with 1/4" Düotex (Gray Fermont) Dimensions: 49" x 97".

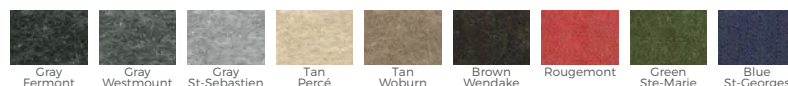
## Custom offer

Available in different combinations & thicknesses:

■ = not available

		1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2"	2 1/8"	2 1/4"	2 3/8"	2 1/2"	2 3/4"	3"
Surface layer	HDF 1/8" + Düotex 1/4"	■	■	●	●	●	■	●	●	●	■	●	■	●	●	●
	MDF 1/4" + Düotex 1/4"	■	■	■	■	●	●	●	■	●	●	●	■	●	●	●
	Düotex 1/4" only	●	●	●	■	●	●	●	■	●	■	●	■	●	●	●

- Düotex (or Ünitex) surfaces are available in many colors:
- Can be supplied as cut-to-size components
- Possibility to integrate framing for user-friendly applications.
- Düotex (or Ünitex) and MDF layer fire rated Class A by the ASTM E-84 (on request)

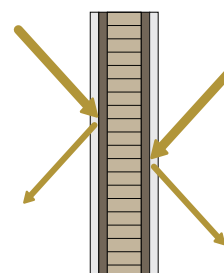
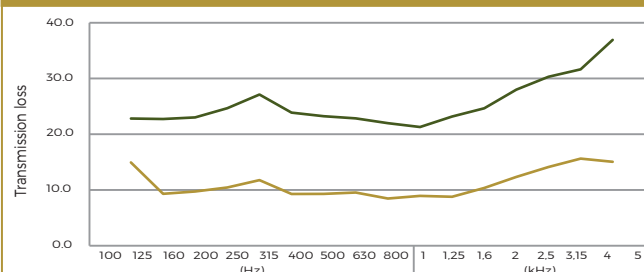


## Technical Specifications

Properties	Value	Units
Dimension tolerance	0.5	inches
Thickness tolerance	0.05	inches
Compressive strength	38	PSI
Internal Bond (IB)	10	PSI
Formaldehyde emissions (surface panel)	<0.09	ppm

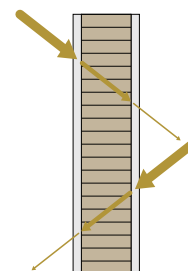
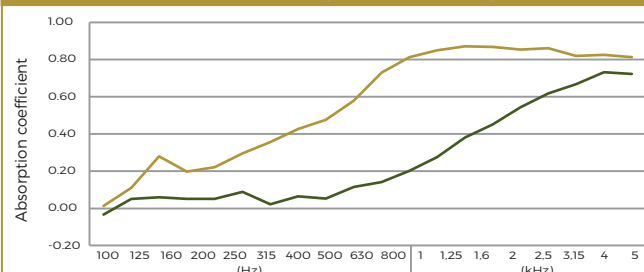
Acoustical Properties	MDF 1/4" + Ünitex 1/4"	Ünitex 1/4"
STC	26	11
SAA	0.25	0.66
NRC	0.24	0.66

Transmission loss spectrum



The Tekboard laminated with the particle board surface and the Ünitex or Düotex provides excellent sound transmission properties (STC)

Absorption coefficient spectrum



The Tekboard laminated with only the Ünitex or Düotex amplifies the sound absorption properties (NRC) due to its honeycomb structure.