



# TRANQUIL APS

*Compressed Fiberglass Acoustical Panels*

Tranquil APS is a medium density hard compressed fiberglass core used in all different kinds of areas. They function as noise reduction panels to absorb and reduce the noise levels within the area. All the edges are chemically hardened. The panels are wrapped with fabric, perforated vinyl or any other coverings which can maintain the acoustic performance of the panel. Breathable coating can also be used on the surface.

## Technical Specification

- ▶ Maximum dimensions: L-2.44m. W-1.22m,
- ▶ Thickness- 1" and 2" (+/- 10%),
- ▶ Density = 100 Kg/ M<sup>3</sup> (+/- 10%)
- ▶ Composition: Compressed Fiberglass core
- ▶ Edges: Square/ Bevelled/ Mitre/ Radius
- ▶ Warranty: Warranty against workmanship and manufacturing defects for 2 years from date of purchase
- ▶ Fire Rating: Class "A" as per ASTM E-84 Tunnel Test
- ▶ Mounting Methods: Z Clip Attachments, Impaler Clip with Adhesive

Performance- 25mm								
Frequency	125	250	500	1000	2000	4000	NRC	R Value
Absorption coefficients	0.13	0.39	0.86	0.95	0.92	0.86	0.8	4.5
Performance- 40mm								
Frequency	125	250	500	1000	2000	4000	NRC	R Value
Absorption coefficients	0.15	0.66	0.99	0.96	0.89	0.84	0.90	7.2
Performance- 50mm								
Frequency	125	250	500	1000	2000	4000	NRC	R Value
Absorption coefficients	0.31	0.91	0.99	0.98	0.93	0.89	1.00	9

\* Test Report Aug 2015 & Nov 2018