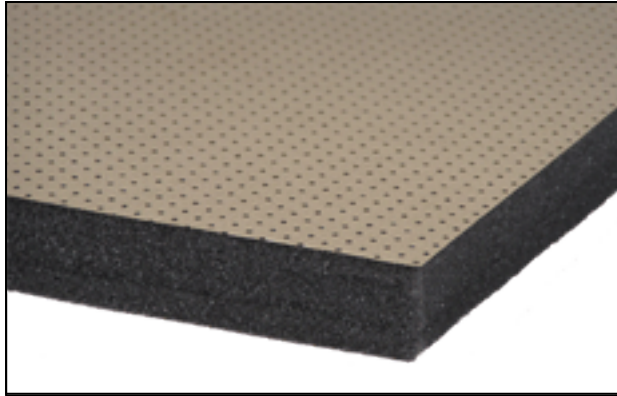


Conasorb V

Acoustic Vinyl Liner



CONASORB V is ideal as an enclosure or room surface absorber where a functionally attractive and cleanable surface is desired. The vinyl film surface is available standard beige, or black.

APPLICATION & PRODUCT DATA

USES

- Enclosures
- Room Surfaces
- Equipment cab Liner
- Silencer Liner

Conasorb V is easy to apply and can be cut with common utility knives. For secure and permanent installation use specified adhesive - available from WILREP LTD.

THICKNESS

V-50: 0.5 in. thick V-100: 1.0 in. thick V-200 2.0 in. thick

STANDARD DIMENSIONS

Sheets: 54" wide X 72" untrimmed (27 sq. ft.)
 Rolls: 54" wide rolls (V-50 & V-100 only).
 Custom trimming and die cutting can be provided.

TYPICAL PHYSICAL PROPERTIES

Foam Density: ASTM D 3574 - 80 - 1.8 - 2.2 lb. / cu. ft.
Tensile Strength: ASTM D 3574 - 86 - 15 psi. minimum
Tear Strength: ASTM D 3574 - 86 - 2.0 lb. / in. minimum
Flammability: MVSS 302 - Passes
Thermal Conductivity of Foam at 75°F (24°C): ASTM C 518 - 0.27 Btu. in. / hr. ft.² F

NOTICE: Stated data is based on recognized testing methods. Product performance can be affected by field conditions and installation methods. Users of these products are responsible for determining suitability for their application and compliance with any legal provisions including those relating to health and safety.

CONASORB V is a combination of a perforated vinyl film bonded to a polyester polyurethane foam. The perforated vinyl film provides a scuff and wear resistant surface that is suitable for dusty or moderately dirty environments where it is not exposed to contaminants such as direct oil or water spray.

PERFORMANCE

Frequency (Hz)	Absorption Coefficient		
	V-50	V-100	V-200
80	0.03	0.10	0.07
100	0.03	0.10	0.20
125	0.07	0.12	0.27
160	0.07	0.15	0.41
200	0.06	0.19	0.61
250	0.07	0.24	0.84
315	0.10	0.33	1.03
400	0.14	0.44	1.10
500	0.20	0.61	1.11
630	0.25	0.77	1.03
800	0.33	0.93	0.94
1000	0.44	1.03	0.86
1250	0.57	1.03	0.82
1600	0.75	0.91	0.83
2000	0.88	0.77	0.81
2500	0.94	0.64	0.78
3150	0.84	0.67	0.75
4000	0.72	0.79	0.72
5000	0.57	0.83	0.65
6300	0.49	0.68	0.62
NRC	0.40	0.65	0.90

Performance data is extracted from NRC - Ottawa report on tests according to ASTM C 423-90a.

