

# Prospec Composite

**Prospec Composite** combines the acoustical absorption benefits of Prospec Foam with the noise containment capabilities of non-reinforced barrier into one product consisting of: a 1" thick layer of willtec® foam to absorb noise - followed by a 1/8" thick noise barrier to contain noise and reduce sound transmission - backed with a willtec® foam decoupler to provide air space between the barrier and the mounting surface for optimal noise containment.



These panels come standard with a Sonex mini sculpted surface and a grey Hypalon-coated facing for easy clean-up. Prospec Composite is an attractive solution for absorbing and containing noise and vibrations in many different types of settings. Prospec Composite is a perfect fit when used: over sub-standard walls between manufacturing plant and offices - to line thin enclosures around machinery, air compressors, or similar noise sources - or in engine compartments.

### Coefficients per ASTM C423-90a

	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
1 3/8"	0.13	0.60	0.81	0.97	1.00	0.90	0.85

### Transmission Loss per ASTM E90-90

	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	STC
1 3/8"	17	22	20	32	31	43	28

Panel Size	Standard 24" x 48"; Custom sizes available
Panel Thickness	1 3/8"
Fire Resistance	ASTM E 84 Class 1
Finish	Grey Hypalon Coated Standard; Custom finish available
Installation	Sonex Acoustic latex adhesive; Optional Pressure Sensitive Adhesive backing.

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