

# Sound Barrier Wall Product Comparison

The following tables compare the acoustic performance, physical properties, and application of NOISEBLOCK™ Barrier Wall System to standard concrete, wood, PVC, and metal vision screen barrier walls.

## Acoustic Performance

Material	NOISEBLOCK™	Concrete	Wood	PVC	Metal Vision Screen
Type of System	Absorptive/Blocking	Reflective	Reflective	Reflective/Absorptive	Reflective
STC Rating <sup>1</sup>	43	28	26	36	21
NRC Rating <sup>2</sup>	1.0	0.0	0.85	1.0	0.0

## Physical Properties

Material	NOISEBLOCK™	Concrete	Wood	PVC	Metal Vision Screen
Type of System	Post/Panel	Post/Panel	Post/Panel	Post/Panel	Post/Panel
Moisture Resistance	Excellent	Good	Poor	Good	Good
Freeze/Thaw Resistance	Excellent	Fair	Poor	Fair	Good
Fire Resistance	Excellent	Excellent	Poor	Unknown	Excellent
Weight (lbs./sf)	6-8	100-125	4-5	3-4	1-2

## Application

Material	NOISEBLOCK™	Concrete	Wood	PVC	Metal Vision Screen
Heavy Equipment Needed	Some	Yes	Some	Some	Some
Works on Rooftops	Yes	No	Yes	Yes	Yes
Works on Bridges	Yes	No	Yes	Yes	Yes
Works in Challenging Terrain	Yes	No	Yes	Yes	Yes
Ease of Onsite Changes	Yes	No	Yes	No	Yes



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Manufacturing facilities in Ohio, USA; California, USA; and Ontario, Canada. Sales offices worldwide.

Kinetics Noise Control, Inc. is continually upgrading the quality of our products. We reserve the right to make changes without notice.