

# BLOCKNZORBE

## SPEC SHEET

- ✓ **Class A Fire Rated**
- ✓ **No Fiberglass/Non-Fibrous**
- ✓ **Water Resistant**
- ✓ **Impact Resistant**
- ✓ **Lightweight**
- ✓ **Indoor - Outdoor**

NOTE: Use Charcoal for Outdoor Applications.



**Material:** Semi-Rigid Porous Expanded Polypropylene Acoustical Bead Foam

**Patterns:** Non Abrasive, Slightly Textured, Porous

**Features:** Rated for STC and NRC, Lightweight, Impact Resistant, Water Resistant, Bacteria & Fungi Resistant, Tackable Surface

**Application:** Gymnasiums, Auditoriums, Classrooms, Swimming Pools, Ice Arenas, Clean Rooms, Food Processing Plants, Food Prep Areas, Cafeterias & Restaurants, Manufacturing Plants, Car Washes, Rooftop and Machine Enclosures, Gun Ranges, Dog Kennels, Locker Rooms

**Thickness:** 1" & 2"

**Sizes:** Nominal 2' x 2', 2' x 4'; Custom Sizes Available

**Color:** White, Charcoal

**Flammability:** ASTM E84, Class A  
1" : Flame Spread: 3, Smoke Developed: 84  
2" : Flame Spread: 5, Smoke Developed: 113

**Installation:** Acoustical Adhesive, Mechanical Fasteners

## Sound Absorption / Noise Reduction Coefficient

	Mount	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
BlocknZorbe 1"	Wall Mounted	0.05	0.06	0.21	0.80	0.65	0.75	0.45
BlocknZorbe 1"	Wall with 3/4" air space	0.06	0.13	0.51	0.79	0.64	0.79	0.50
BlocknZorbe 1"	Wall with 1" EcoVerb Panel	0.11	0.58	1.07	0.71	0.74	.072	0.80
BlocknZorbe 2"	Wall Mounted	0.07	0.21	0.81	0.85	0.93	0.88	0.70
BlocknZorbe 2"	Wall with 3/4" air space	0.10	0.29	0.99	0.74	0.90	0.93	0.75
BlocknZorbe 2"	Wall with 1" EcoVerb Panel	0.17	0.91	0.97	0.85	0.89	0.92	0.90
BlocknZorbe 1"	Ceiling E400	0.4	0.59	0.42	0.49	0.76	0.86	0.55
BlocknZorbe 2"	Ceiling E400	0.51	0.52	0.52	0.77	0.89	0.98	0.70

## Sound Transmission Loss

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
BlocknZorbe 1"	6	5	7	8	10	15	9
BlocknZorbe 2"	9	8	10	10	17	22	13
BlocknZorbe with 5/8" gypsum both sides	27	27	29	31	32	45	32

Sound Transmission Loss Independently tested to ASTM E-90 standards

