

Commercial Cushion Technical Data

Commercial Cushion is an integral part of the commercial flooring system; our commercial cushion must be used in all commercial installations to ensure the integrity and performance of the floor. This high-density underlayment provides:

- Superior reflective sound qualities
- Enhanced moisture, mold and mildew resistance

Commercial Cushion Characteristics	
Description of Material Content	Black High-Density Crosslinked TPO Foam with 6 mil Polyethylene moisture barrier film with sound absorbing molecules and fortified with antimicrobial agent.
Roll Size	Part # H1006008: 100 sq. ft. Part # H1006009: 600 sq. ft.
Roll Weight	100 sq. ft.: 4.5 lbs. 600 sq. ft.: 27 lbs.
Density	6.28 lbs. / ft. ³
Thickness	Moisture Barrier: 0.006 inches Foam: 0.080 inches Total: 0.086 inches
IIC Rating (ASTM E492-90)¹ Impact Sound Transmission Classified by E989 (6" concrete slab with ceiling assembly)	Impact Insulation Class = 60 (tested under Wilsonart Commercial Flooring)
Moisture Barrier	Yes
Antimicrobial Performance A.A.T.C.C. Test Method 147-1998 A.A.T.C.C. Test Method 30-1998	3mm growth free zone; 100% contact inhibition 0mm growth free zone; 100% surface inhibition
STC Rating (ASTM E90)¹ Airborne Sound Transmission Classified by E413 (1.5" Gyp-crete over plywood subfloor with ceiling assembly)	Sound Transmission Class = 54 (tested under Wilsonart Commercial Flooring)

¹Building codes typically specify a value of 51 or greater for sound transmission.