

ACOUSTIC PERFORMANCE

ZANDUR FLOORING PRODUCTS

Z045

Zandur’s Sustain Cork Rubber and Praxis Solid Cork Flooring provide industry leading acoustic performance. By using cork as one of the main product components, these products exceed industry standards for interior sound reduction. In addition to being completely natural, cork is unique in that it will not break down like other acoustic insulators such as foam, thereby assuring that the acoustic performance will not be compromised throughout the life of the floor. Unlike most Laminates, LVT, VCT, Linoleum and Solid Rubber flooring, Zandur acoustic products don’t require additional underlayments to meet the required reduction levels, saving both time and money.

Zandur Acoustic Products

Zandur Product	test	slab	ceiling	STC	IIC	Δ IIC
Zandur Cork Rubber 3.5mm	ASTM 90/413	8"	yes	67		
Zandur Cork Rubber 3.5mm	ASTM 492/989	8"	yes		71	
Zandur Solid Cork Tile 4.8mm	ASTM 989	6"	no	52	50	22

Caution Regarding Test Result Comparisons:

Unfortunately, acoustic testing has become an area where many manufacturers don’t tell the whole story about acoustic benefits of their products by hiding test information and/or making invalid comparisons between unrelated tests or test procedures. Zandur recommends the use of an acoustical consultant to avoid any confusion.

A. ASTM E492 and E90 test results are challenging to compare. If the manufacturer does not provide the concrete slab thickness or the presence of a drop ceiling, the results are meaningless as slab thickness and drop ceiling have a significant impact on acoustics and the test results.

B. The Delta IIC test (ASTM E2179) indicates the improvement of acoustical performance as it pertains only to the flooring and is one of the easiest tests to use for comparison.