

THE
LOGICAL
OPTION
WHEN IT COMES TO
UNDERLAYMENT.

SILL PLATE ISOLATION MAT - Flanking Isolation System

Our Sill Plate Isolation Mat (FIS) acts like permanently resilient gaskets used to reduce sound and vibration transfer through building structures when used in conjunction with the W20R is a sound isolation washer

Our sill plate isolation mat is manufactured with re-claimed rubber and is formulated with high damping polymers making it a "green" product for LEED projects and is manufactured to carefully controlled density standards for trusted, long term service.

The sill plate isolation mat is impervious to water, most chemicals, and temperature change and will not rot or support mold.

SILL PLATE ISOLATION MAT SPECIFICATIONS

PRODUCT STANDARDS AND RESULTS

Item	Standard	RATING	
		5mm	10mm
Tensile Strength	ASTM D412	90 PSI	102 +/-5 PSI
Density	ASTM D3576 Section 12	48 lbs. / cubic foot	
Coefficient to Friction	ASTM D1894	0.85 wet	
Compression Set	ASTM D395	10.2% of original deflection	
Compression Resistance	ASTM D3575 ASTM D3676	66 cubic feet	
Water Vapor Transmission rate	ASTM E96	4.8 g/m2/24hr	
Flammability	FF 1-70CPSC	Passed	
Durometer	ASTM D2240	Durometer 45 +/-5	
Volatile Organic Compounds	CDPH vI2	<0.5mg/m3	
Delta Insulation Class (DIC)	ASTME2179	24	25
Impact Insulation Class (IIC)	ASTM E90 ASTM E492	54	55
Sound Transmission Class (STC)	ASTM E90-09 ASTME492	50	52

Tested with LVT over 6" concrete slab without drop ceiling.

SILL PLATE ISOLATION MAT SIZES

Width: Standard — 3 1/2" & 5 1/2"
Thickness: Standard — 5mm - 10mm
Length: Standard — 20'



W20R SOUND ISOLATION WASHER

The W20R is a sound isolation washer used in conjunction with the recycled rubber sill plate isolation mat for most floor and ceiling sills.

Diameter of the washer: 1-3/8"
Thickness of washer: 1/2"



The W20R is used in these sills by drilling holes up to 3/4" in diameter, every 16" to 24" (Consult local code) whether it is wood or metal track. Insert a fastener through the hole in the center of the W20R Washer and then fasten the plate to the floor.

