

More effective noise reduction.



AccuQuiet®

Sound Control Systems

The Noise Reduction Flooring System

Introducing AccuQuiet® P80 and AccuQuiet® C40 sound attenuating technology for use in conjunction with AccuCrete® Pourable Gypsum Underlayments.

AccuQuiet® Sound Control Systems are important components in floor-ceiling assemblies designed to achieve enhanced acoustical performance. AccuQuiet® offers two types of technologies to solve a wide variety of acoustical problems by improving IIC and STC ratings of floor-ceiling assemblies.



AccuQuiet® P80 is a polypropylene monofilament mesh, molded to form a “U-Shaped” configuration, and bonded to a lightweight water-tight technical membrane. The configuration of the monofilament in AccuQuiet® P80 provides for ultra-low deflection characteristics that allow for 1” minimum thickness of AccuCrete® in residential and light commercial construction. AccuQuiet® P80 offers the lowest overall installed profile of 1 3/8” total thickness (including 1” AccuCrete®), and improvement of IIC ratings of up to 10 dB in wood frame, and 20 dB in concrete construction.





AccuQuiet® C40 is a polypropylene monofilament mesh, molded in a "Cusped" configuration, and bonded to a lightweight water-tight technical membrane. The cusped configuration of **AccuQuiet® C40** yields enhanced acoustical performance properties, with minimal sacrifice in deflection characteristics. **AccuQuiet® C40** offers the ultimate in sound attenuation with up to 15 dB improvement in IIC in wood-frame construction, and an installed thickness profile of 1 7/8" (including 1.5" **AccuCrete®**).

Easy-Seal Overlap:

AccuQuiet® P80 and **AccuQuiet® C40** feature a self-sealing overlap flap that forms a permanent and water-tight bond between adjacent rows of installed mat, eliminating the need for duct tape for most seams.

System Benefits:

- Cost effective improvement of IIC and STC ratings in floor-ceiling assemblies
- Engineered monofilament configurations for low deflection characteristics
- Water-tight technical membrane prevents leaks of slurry and water through the sound mat
- Permanent sound control: **AccuQuiet®** Sound Control Systems become an imbedded component of the floor ceiling assembly, even after floor coverings are replaced.
- Full breadth of floor covering options are available, including tile, stone, marble, ceramic tile, and glue-down or floating hardwood....without sacrificing sound control!

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Applications

Use **AccuQuiet®** Sound Control Systems as part of an overall noise reduction strategy in:

- Multifamily
 - Apartments
 - Dormitories
 - Condominiums
- Hotels
- Residential and Single Family
- Light Commercial
- Renovation of old wood or concrete structures

Product Data Table		
	AccuQuiet® P80	AccuQuiet® C40
Roll Size	55" x 115' (527 ft ²)	55" x 115' (527 ft ²)
Roll Weight	78 lb	80 lb
Thickness (@ 42 lb/ft ²)	8.5 mm (3/8" nominal)	9.5 mm (3/8" nominal)
Minimum AccuCrete® for Residential and Multifamily	1" 2,000 p.s.i.	1.5" 2,000 p.s.i.
Minimum AccuCrete® for Light Commercial	1" 3,000 p.s.i.	1.5" 3,000 p.s.i.

Comparative Acoustic Performance Data

Wood Truss, 18" Deep, 24" O.C., RC-1, Single Layer 5/8" Ceiling Board			
Floor Covering	No Sound Control System 3/4" AccuCrete®	AccuQuiet® P80 1" AccuCrete®	AccuQuiet® C40 1.5" AccuCrete®
Tile	41 IIC	53 IIC	57 IIC
Sheet Vinyl	44 IIC/50 STC	51 IIC/59 STC	55 IIC/59 STC
Wood Laminate (with foam or rubber underlayment)	49 IIC	51 IIC	57 IIC

6" Concrete, No Ceiling			
Floor Covering	No Sound Control System No AccuCrete®	AccuQuiet® P80 1" AccuCrete®	AccuQuiet® C40 1.5" AccuCrete®
Tile	28 IIC	52 IIC	54 IIC/56 STC
Sheet Vinyl	43 IIC/51 STC	50 IIC/54 STC	53 IIC/55 STC
Wood Laminate (with foam or rubber underlayment)	49 IIC	50 IIC	52 IIC

Refer to Architectural Submittals for each product for additional details. All acoustic performance numbers are results from an independent, accredited laboratory. Copies of these, and other acoustic test reports are available upon request.

UL Designs

J917	J919	J920	J924	J927	J931	J957	J958	J966	J991	J994	K906	L004	L005	L006	L201	L202
L206	L208	L209	L210	L211	L212	L501	L502	L503	L504	L505	L506	L507	L508	L509	L510	L511
L512	L513	L514	L515	L516	L517	L518	L519	L520	L522	L523	L524	L525	L526	L527	L528	L529
L530	L533	L534	L535	L536	L537	L538	L539	L540	L541	L542	L543	L546	L547	L548	L549	L550
L551	L552	L555	L556	L558	L559	L560	L562	L563	L570	L573	L574	L576	L583	L585	L590	L592
L593	L599	M502														

AccuQuiet® Limited Warranty:

Manufacturer warrants to the original purchaser that the product is free from manufacturing defects that would adversely affect the performance of the product. Because Manufacturer does not install AccuQuiet, installation or in-situ performance of the product is not warranted. As the sole and exclusive remedy, Manufacturer will either replace any defective product or refund the amount paid for such product, exclusive of any labor or cost of installation or repair. Any claim shall be waived unless received in writing within thirty days after any defect was or reasonably should have been discovered. **DISCLAIMER: WE SHALL NOT BE LIABLE FOR, SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES DIRECTLY OR INDIRECTLY CAUSED, NOR ANY LOSS CAUSED BY INSTALLATION OF ACCUQUIET. MANUFACTURER HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES AND CONDITIONS, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY IMPLIED WARRANTIES OR CONDITIONS OTHERWISE ARISING FROM COURSE OF DEALING OR USAGE OF TRADE. THIS LIMITED WARRANTY SUPERSEDES ALL OTHER WARRANTIES.**

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