

Unit/Owner: \_\_\_\_\_

STC Rating Documentation attached: \_\_\_\_\_

Vendor: \_\_\_\_\_

Date: \_\_\_\_\_

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**9.5 Unit Floor Coverings.** All units above the ground floor shall always have the floors covered with wall-to-wall carpeting, except in kitchens, bathrooms, balconies, foyers, and utility or laundry rooms, except as provided below. Hard floor surfaces (tile, marble, wood, etc) may only be installed upon prior written approval of the Board of Directors, which shall condition its approval on the unit owners proof of the installation of appropriate sound-deadening material. Specifications for sound proofing of hard flooring must be approved in writing by the Board or its representative prior to installation, and then the installed sound proofing must be inspected and approved prior to installation of the hard flooring. The minimum sound proofing material that will be approved shall be of such kind and quality to achieve STC and IIC ratings of at least 47 in bathrooms and 52 in all other areas; and as the Board may further specify. (For example, independent laboratory tests have indicated that Laticrete 18 has STC and IIC ratings of 47 and Laticrete 18 Plus has STC and IIC ratings of 52.) Installation procedures shall meet or exceed the following:

At the perimeter of the entire floor, and the periphery of all protrusions to that floor, fiberglass board (6-15 pcf) not less than 3/8 of an inch (9.525 millimeters) thick, to minimize flanking, should be used within 1/4 (6.35 millimeters) of finished surface. Closed cell polyethylene foam (2.7 - 9 pcf) not less than 1/4 of an inch thick (6.35 millimeters) may also be used as the perimeter isolation barriers. The fiberglass board or the polyethylene foam can be cut into strips and held in place with a few spots of acoustical sealant. If the strips are too tall, they can easily be trimmed within the 1/4 of the finished surface after the tile is grouted, therefore keeping any hard residue out of the perimeter grout joints. After the tile is set and grouted, additional time should be spent to check the perimeter of the entire floor and the periphery for any protrusions such as pipes, so as not to have any of mortar, bond coat, or grout, touching the wall or any protrusions that penetrate the floor. Should any of the hard material from the installation make contact between the tile or setting bed and the wall, or penetrating protrusion, a large reduction in the sound rating will occur. After grouting, but before the edges are caulked, trim the polyethylene sheeting back to the top of the fiberglass or polyethylene foam edging. A sealant is required at the perimeter of the entire floor, and the periphery of all protrusions to that floor. This joint shall be 1/4 wide (6.35 millimeters) from the finished top of the tile. This joint must be filled with an elastomeric sealant or an acoustical sealant. Hard grout is unacceptable. This caulking can be done before or after grouting as long as the hard grout is left out of the joint between the floor and the wall and around the periphery of any protrusion. If USG acoustical sealant is used, the joint can be painted to conform with the color of the grout used in the field. Dow-Corning and G.E. Silicone sealant comes in a variety of colors to harmonize with the color of the tile.