TMS RUBBER UNDERLAYMENT INSTALLATION

Installation Under Hardwood Floors:

Both the underlayment and flooring material need to be left in their packaging before installing for a minimum of 48 hours at a temperature of at least 66 degrees Fahrenheit. Pre-installation, check that the sub floor is dry and free of grease, dirt or other matter. Concrete should be free of efflorescence and have no hydrostatic pressure. Sub floor moisture percentage should not exceed manufacturers recommendations of 5 LB. per 1,000 square feet over 24 hours or RH of 85%.

Installation Under Wood Flooring:

Ensure that sub floor is levelled, sound and clean. Plywood sub flooring should be a good grade. Variations in floor level over 1/8” within 3 ft. span needs to be levelled prior to installation. Nails and/or protrusions should be removed or smoothed down. Sub floor should have L360 for deflection.

Installation Under Concrete Slab:

Concrete sub floor must be free of any open cracks and filled with high grade patch. Any excess residue or concrete lumps must be removed as they may interfere with proper installation of underlayment. Concrete slab must be permanently dry. If moisture in slab is too high, a good quality concrete waterproof sealer may be needed.

Glue Down Hardwood Installation:

Underlayment must be adhered properly to the sub floor. Recommended adhesives include PU350, Bostik Best, Sika 255 and Mapei ECO 980. Use 1/8” x 1/8” x 3/16” V notched trowel (ensure that adhesive is transferred 100%, if not a larger trowel may be needed.) Rubber underlayment should be installed in the opposite direction to the hardwood floor. Start at one end of the room and roll out underlayment ensuring that it is flush to the walls. Roll up the roll halfway and spread adhesive on exposed area, roll underlayment back over adhesive. Smooth air pockets with a flat trowel. Apply the rest of the underlayment in the same manner until entire area is covered. Ensure that edges are tightly butted together in all areas. Use a 50-100 lb roller to bond underlayment to sub floor. Once adhesive is cured (around 8 hours), install glue down hardwood flooring using the same adhesive as the bond coat and following manufacturers instructions. It is best to install baseboard slightly off floor to avoid flanking path.

Floated Hardwood Installation:

Rubber should be installed in the opposite direction of the hardwood floor. Start at one end of the room and roll out underlayment ensuring that it is flush to the walls. Repeat the process with all remaining rolls until the area is covered. Seams can be taped but it is not necessary for standard installation. Install the floated engineered hardwood per the manufacturers instructions. Baseboard should be installed slightly off floor to avoid flanking path.

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Installation of Underlayment Under Ceramic Tile:

Underlayment must be adhered to the sub floor with a bond coat adhesive ex: TRUESET. Use a 1/16” x 1/16” square-notched trowel (larger size trowel may be needed in some conditions). Check at intervals for 100% transfer of adhesive. Start at one end and roll out underlayment ensuring that it is flush with the walls. Roll back up the roll halfway and spread adhesive on exposed area. Roll the underlayment over the adhesive. Check for air pockets and remove with a flat trowel. Repeat with the rest of the roll. Ensure that edges are butted together tightly at all ends. Use a 50-100 lb roller to ensure proper bonding between underlayment and sub floor. Perimeter isolation strips should be installed vertically on walls. Alternatively, leave a 3/16” gap around all perimeter walls which can then be filled with latex caulk (grout may not be used.) Once adhesive is fully cured (around 8 hours), install stone/tile flooring using a latex modified thin set (Laticrete 254 is recommended). The thin set must be keyed or burned into underlayment for proper bonding. Trim and grout isolation material flush with floor, hold trim board 1/16” off floor to avoid flanking paths.

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