



INSTALLATION INSTRUCTIONS FOR REGUPOL-QTRBM™

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The following recommendations for applications and installation are based on our extensive experience and on current technological practice. Our liability and responsibility in the event of damages are limited to the extent defined in our General Terms and Conditions of Business and are not in any way increased by the above recommendations or by advice given by our sales representatives or applications engineering staff.



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1-866-326-5712

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INSTALLATION INSTRUCTIONS

PART I -- REQUIRED MATERIALS

General: Regupol-QTrbm Impact Sound Insulation can be installed under most types of grouted and non-grouted flooring installations including ceramic tile, stone, marble, brick, pavers, hardwood, engineered wood, laminate, parquet, vinyl and carpet.

- A. Regupol-QTrbm Impact Sound Insulation Material (underlayment)
- B. Duct Tape
- C. Carpet or utility knife

PART II -- SUBFLOOR PREPARATION

General: Regupol-QTrbm Impact Sound Insulation can be installed under most types of grouted and non-grouted flooring installations including ceramic tile, stone, marble, brick, pavers, hardwood, engineered wood, laminate, parquet, vinyl and carpet.

Dodge-Regupol's recycled rubber Impact Sound Insulation, Regupol-QTrbm, may be installed over wood, concrete and masonry-type surfaces.

A. Wood Subfloors

Wood subfloors must be a minimum 1" thick double construction. Qualify deflection according to ANSI standards, as required by the finish floor manufacturer.

B. Concrete Floors

Slabs must be covered and wet-cured for a minimum of 28 days prior to the installation of Regupol-QTrbm Impact Sound Insulation.

- C. Subfloors should be dry, clean, smooth, level and structurally sound. Subfloors must be free of dust, oil, solvent, paint, wax, oil, grease, asphalt, sealers, curing and hardening compounds, alkaline salts, old adhesive, residue and other extraneous materials according to ASTM F710.

Areas requiring fill, patching or leveling must be prepared by the general contractor using Custom Building Products LevelQuik Self-Leveling Underlayment or LevelQuik Skim Coat and Patching Compound in accordance with the manufacturer's instructions.

INSTALLATION INSTRUCTIONS

PART III -- PLACING AND TRIMMING REGUPOL-QTRBM

General: Regupol-QTrbm Impact Sound Insulation can be installed under most types of grouted and non-grouted flooring installations including ceramic tile, stone, marble, brick, pavers, hardwood, engineered wood, laminate, parquet, vinyl and carpet.

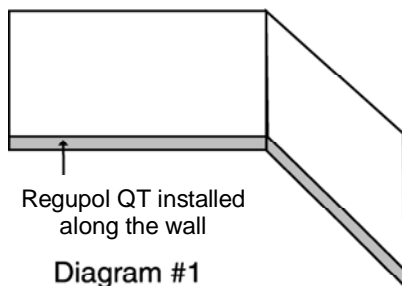
It is essential to install the Regupol-QTrbm so that it runs up all walls approximately three inches! Do not install baseboard until finished topping is installed.



wall approximately three inches. (See **Diagram #1**)

This should take place throughout the perimeter of the room and as well as around the perimeter of any protrusions, in order to isolate or break the vibration transmission path between the floor and the wall.

- A. Make the assumption that the walls you are butting up against are *not* square. Using a chalk line, create a starting point for an edge of the material to follow.
- B. Remove the shrink-wrap from the roll of Regupol-QTrbm and unroll it onto the floor. Lay the material in such a way that you will use your cuts efficiently. Cut each roll to the required length. Include enough material to run up the
- C. The ends of each section may be trimmed as necessary in order to fit the surface area to be covered. Trim section ends to exact dimensions required (e.g. joints with walls, etc.).
- D. Maintain the required ambient conditions for adhesive applications and bonding.



INSTALLATION INSTRUCTIONS

PART IV -- INSTALLING REGUPOL-QTRBM

General: Regupol-QTrbm Impact Sound Insulation can be installed under most types of grouted and non-grouted flooring installations including ceramic tile, stone, marble, brick, pavers, hardwood, engineered wood, laminate, parquet, vinyl and carpet.

- (1) Make sure the lengthwise edge of the material is aligned exactly with that of the neighboring section. Edges must contact but *not* overlap. (See Diagram #3)

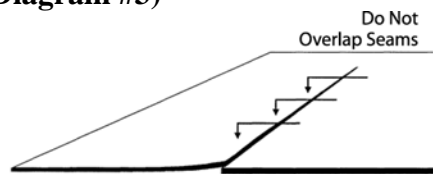


Diagram #3

- (2) Dry lay the rolls onto the subfloor using the Placing and Trimming Method described in Part III.
- (3) Use duct tape or a high-quality carpet tape to secure the butt joints and seams.

PART V -- INSTALLATION OF TOPPING

- (1) Install gypsum flooring underlayment product to a minimum thickness of $\frac{3}{4}$ ".
- (2) Installation of gypsum layer should be done by an authorized representative of the gypsum floor underlayment company.
- (3) Before, during and after the installation of the gypsum product, the building interior **MUST** be properly ventilated and heated (minimum temperature of 50 °F and maximum relative humidity of 50%). Under these conditions, a $\frac{3}{4}$ -inch thick gypsum floor underlayment should be dry in about seven to ten days.
- (4) Open windows daily a minimum of 2" to allow for the evaporation of moisture.
NOTE: A building without all of these conditions present will significantly increase the drying time of the gypsum product.
- (5) Before applying the sealer or installing the finished floor goods, be sure that the gypsum underlayment is sufficiently dry by testing it using the plastic sheet method per ASTM D4263.
NOTE: Using the calcium chloride test (ASTM F1869) is **NOT** recommended with gypsum products.

INSTALLATION INSTRUCTIONS

PART VI -- INSTALLATION OF BASEBOARD

General: Regupol-QTrbm Impact Sound Insulation can be installed under most types of grouted and non-grouted flooring installations including ceramic tile, stone, marble, brick, pavers, hardwood, engineered wood, laminate, parquet, vinyl and carpet.

If a baseboard is required, install the baseboard *after* the finished floor has been installed.

- A. Install the finished floor in accordance with the flooring manufacturer's directions.
- B. After the finished floor is installed, trim the excess Regupol-QTrbm Perimeter Isolation Strip around the entire perimeter of the finished floor. (See **Diagram #4**)

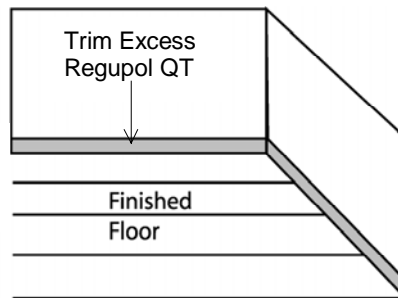
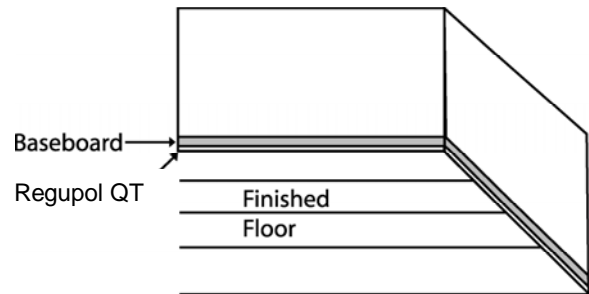


Diagram #4

- C. Nail the baseboard to the wall above the Regupol QTrbm. In order to isolate or break the vibration transmission path between floor and wall, the baseboard must not touch the finished floor. (See **Diagram #5**)



Do Not Allow Baseboard To Touch Finished Floor

Diagram #5



INSTALLATION INSTRUCTIONS

PART VII -- RECOMMENDED MATERIALS

I. RECOMMENDED GENERAL-PURPOSE ADHESIVES

- A. E-Grip II™ by Dodge-Regupol, Inc.
- B. Synthetic Surfaces' 78H or 33C
- C. Helmicol 3078 by Helmitin
- D. Bostik's Best by Bostick
- E. Chemrex 941
- F. ParaBond M4700 by Parachem
- G. Chapco 399
- H. Capitol USA Fast 050

- (3) MasterBlend™ Dry Set Mortar with Acrylic Mortar Admix – two-component setting system
- (4) FlexBond – high performance single-component setting system

B. Mortar Admixture and Grout Adhesive. Select one:

- (1) Polyblend – polymer modified grout available in standard or designer colors
- (2) 100% Solids Epoxy Grout – for maximum stain and wear resistance

II. RECOMMENDED GROUTED MATERIALS

- A. Multi-purpose Latex Modified High Performance Mortar. Select one (1) each for Regupol-QTrbm and tile installation:
 - (1) Versabond – single component polymer modified mortar
 - (2) PorcelainPro – single component modified mortar

- C. All preparation, setting and grouting materials are to be manufactured by Custom Building Products, 13001 Seal Beach Blvd., Seal Beach, CA 90740.
- D. All materials shall be delivered to the job site in the original containers with the manufacturer's identification on each package. Unauthorized modification to any product is not permitted.