

VERDIE X[®]

INSTALLATION GUIDE

5 EASY STEPS TO
PLACE & QUIET[®]



P)))))) Primary A\\\\\\\\\\\\ Acoustics[®]

Primary Acoustics LLC

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INSTALLATION GUIDE

Thank you for purchasing VERDEX®, the world's leading solution for noise reduction and impact insulation in building construction and renovation. Please follow the 5 Easy Steps outlined below to achieve PLACE & QUIET® at your project.

Required Material:

Before starting, you will need the following material, tools and equipment:

- A. VERDEX® acoustical underlayment *
- B. ARDEX Feather Finish™
- C. Shop-Vac®
- D. An Exacto® or Gypsum Knife
- E. Chalk Line
- F. Rubber Gloves
- G. V-BOND® or Multi Purpose adhesive chosen from Section IV Part A.
- H. A 1/16" V-Trowel
- I. A 50-75 lb. Roller
- J. 1/2" Backer Rod.
- K. V-SEAL® acoustical sealant *

*Please Note: All VERDEX® material must be stored at room temperature for 24 hours prior to installation at the project / building site.



STEP 1 – Preparation of the Subfloor

A. For Wood Framework

- (1) Check to make sure that the subfloor has no imperfections and is structurally sound per ASTM F710-05.
- (2) Deflection must meet ANSI standards and as required by finish floor manufacturer.
- (3) Screw in completely any screws and drive in any nails or remove any thing that could interfere with the installation.
- (4) Thoroughly clean the surface with a Shop-Vac[®].

B. For Concrete Floors

- (1) Slabs must be cured for 28 days prior to installation.
- (2) Check that the slab is level. If you notice any imperfections, fill, patch or level the surface with a concrete leveler, such as ARDEX Feather Finish[™].
- (3) Thoroughly clean the surface with a Shop-Vac[®].

- C. All Subfloors must be free of dust, paint, wax, oil, curing and hardening compounds, old adhesives and any other foreign matter and be allowed to completely dry before beginning installation. Concrete subfloors not meeting this standard may be scoured (sanded) with 3 1/2 open coat paper (20 grit), then vacuumed clean.



STEP 2 – Installation of VERDEX[®].

- A. Using a chalk line, trace a line around the room leaving a 3/8” space out from the wall.
- B. Lay the panels down on the chalk line leaving a 3/8” space out from the walls.

- C. Be sure to allow panels (or rolled material) to align with each other without space between.



STEP 3 – Applying the Adhesive

- A. Prep Glue mixture according to manufacturer's specifications.

- B. Roll back panel halfway to apply adhesive using 1/16" x 1/16" notched trowel. Choose from the following list of adhesives*:

- (1) **V-BOND®** by **P**rimary **A**coustics®
- (2) Parabond M4700 by Parachem
- (3) DriTac 9500
- (4) Chemrex 941

* Do not use any adhesive that contains a petroleum product

- C. Spread adhesive over the entire surface being careful not to apply too much as excess will cause undulations in the **VERDEX®** sound mat.

- D. Do not allow the material to “flop” into place as this will cause air entrapment.

- E. Avoid walking on panels during the manufacturer's specified drying cycle.

- F. Must use **V-BOND®plus** or thinset mortar when installing tile.



STEP 4 – Installation of Flooring Surface

- A. Ceramic, Marble, Granite or Stone

- (1) Apply thin-set mortar* directly over **VERDEX®** as specified by manufacturer. Choose one of the following:

- a. MegaFlex® – Crack prevention mortar.

*All thinset mortars must be polymer modified.

- b. FlexBond® – Fortified Thin-Set Mortar.
- c. Versabond Flex® – Fortified Thin-Set Mortar.
- (2) Use the following Mortar admixture and Grout adhesive:
 - a. 100% Solids Epoxy Grout
 - b. Polyblend® - Polymer modified Non-Epoxy Grout
- B. Engineered / Solid Wood
 - (1) Install the surface flooring according to the flooring manufacturer's written installation instructions.
 - (2) Solid wood glue down must be recommended by flooring manufacturer.



STEP 5 – Finishing Steps

- A. Use ½” backer rod and insert into 3/8” space between wall and flooring.
- B. Apply **V-SEAL®** acoustical sealant over backer rod up to level of floor.

IMPORTANT- To optimize the acoustical properties of VERDEX®, the baseboards should not touch the floor covering.

Congratulations ! You have just achieved PLACE & QUIET® for your customer with the installation of VERDEX®.

Contact us at (866) 388-8833 with any questions or comments.



STEP 1A: VACUUM THE SUBFLOOR - COMPLETE REMOVAL OF DUST AND DEBRIS.



STEP 1B: CREATE SMOOTH SURFACE - REMOVE ANY IMPERFECTIONS AND EXCESS CONCRETE.





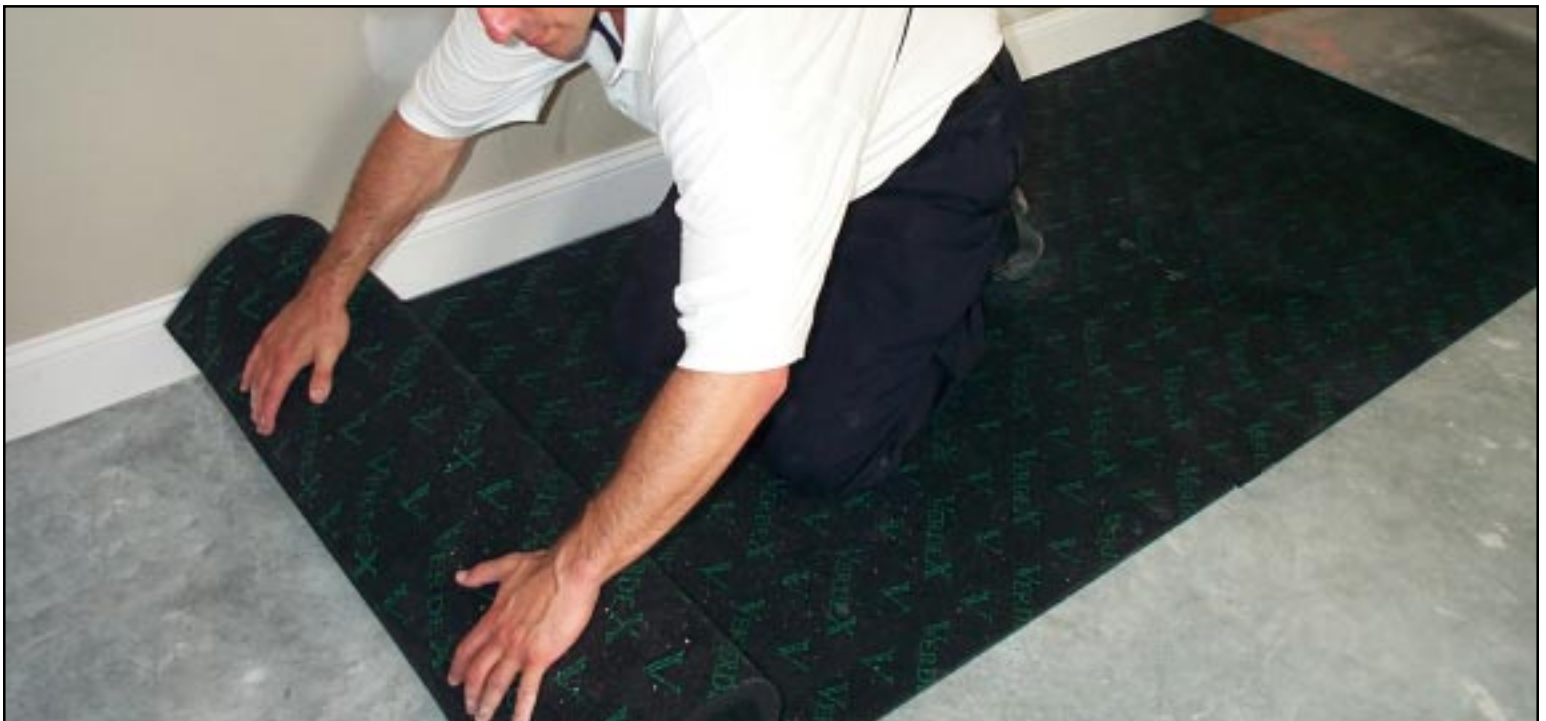
STEP 2A: SNAP A CHALK LINE - 3/8" FROM THE PERIMETER OF THE ROOM.



STEP 2B: PLACE VERDEX® (PANELS) - ALIGN WITH PERIMETER OF CHALK LINE.



STEP 2C: REMOVE ANY EXCESS VERDEX® - CUT CAREFULLY WITH KNIFE TO MEET PERIMETER CHALK LINE.

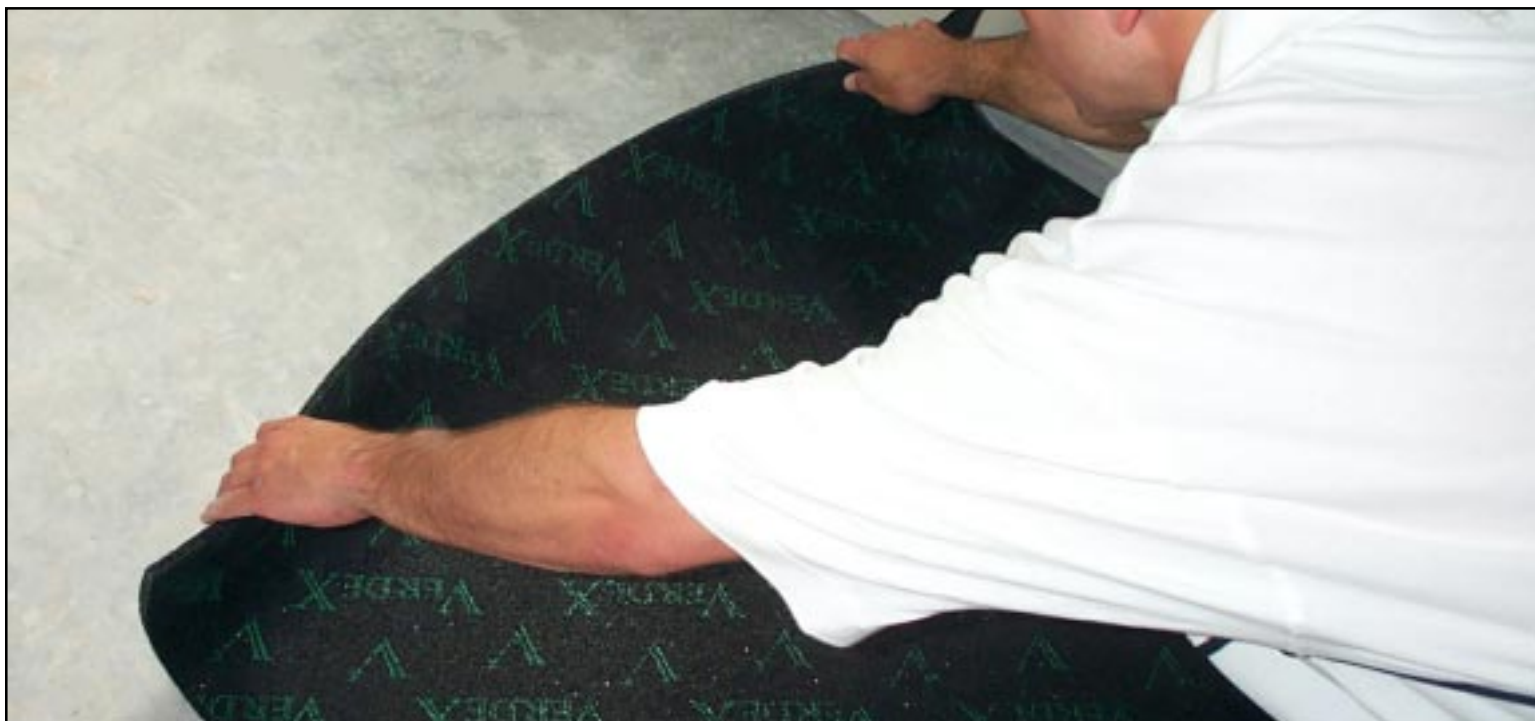


STEP 2D: PLACE VERDEX® (ROLLS) - ALIGN WITH PERIMETER OF CHALK LINE.

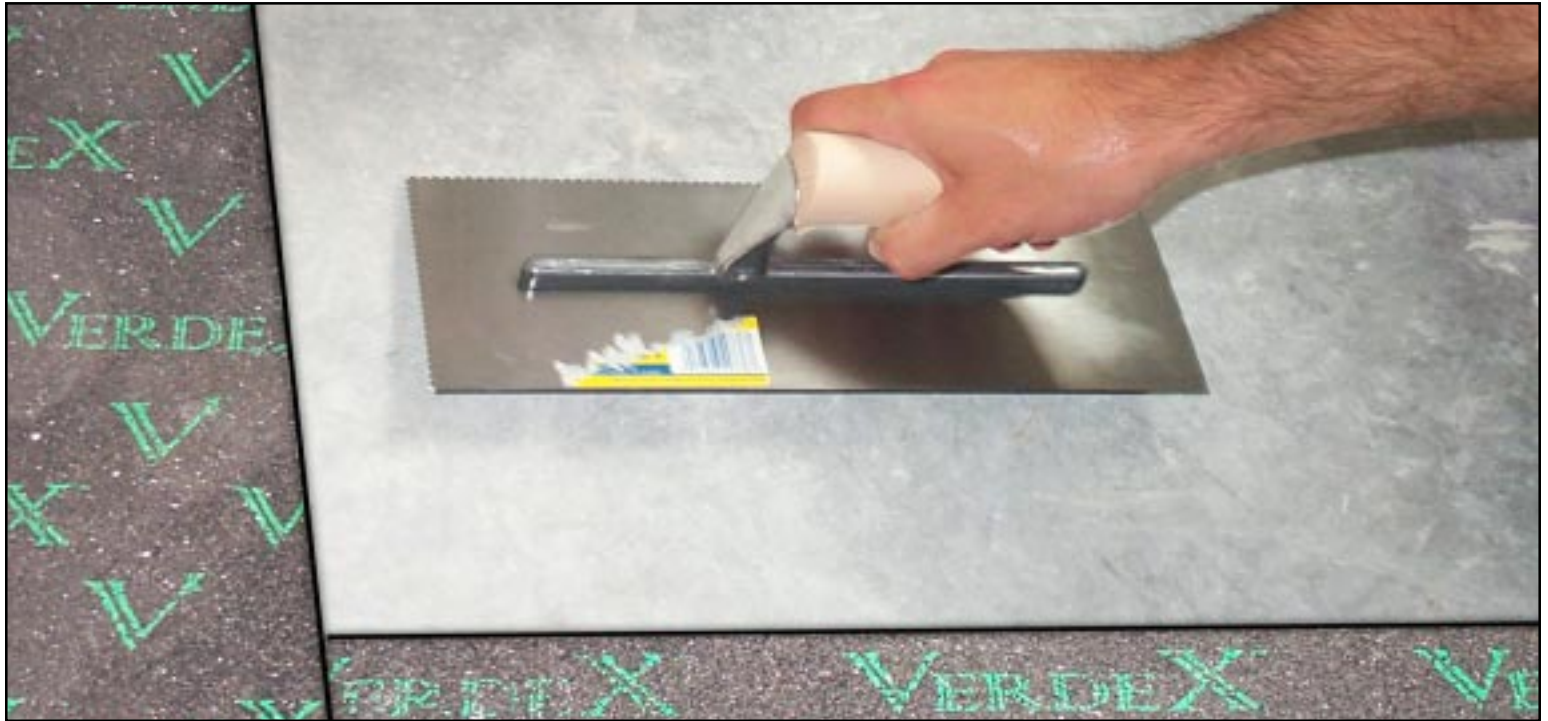




STEP 2E: PLACE VERDEX® TOGETHER (PANELS OR ROLLS) - SEAMS SHALL ALIGN WITHOUT SPACING.



STEP 3A: PULL BACK VERDEX® TO APPLY ADHESIVE - PULL UP ONE-HALF PANEL OR ROLL AT AT TIME.



STEP 3B: SPREAD ADHESIVE GLUE - USE 1/16" x 1/16" TROWEL TO DISTRIBUTE ADHESIVE EVENLY ONTO CONCRETE.



STEP 3C: REPLACE VERDEX® ONTO GLUED SURFACE - MAKE SURE SEAMS ARE ALIGNED AND TIGHT.





STEP 4A: APPLY FLOORING OVER VERDEX® - FOLLOW MANUFACTURER'S INSTRUCTIONS FOR HARDWOOD, ENGINEERED WOOD, CERAMIC, MARBLE & TILE.



STEP 4B: APPLY FLOORING OVER VERDEX® - FOLLOW MANUFACTURER'S INSTRUCTIONS FOR HARDWOOD, ENGINEERED WOOD, CERAMIC, MARBLE & TILE.



STEP 5A: FILL IN 3/8" PERIMETER SEAM - USE BACKER ROD TO FILL GAP BETWEEN WALL AND FLOORING.



STEP 5B: SEAL PERIMETER GAP - APPLY 3/8" BEAD OF CAULK OVER BACKER ROD TO COMPLETE ACOUSTICAL SEAL.





STEP 5C: APPLY BASE BOARD - USE CARDBOARD BACK OF STANDARD NOTE PAD TO MAINTAIN ACOUSTIC SPACING BETWEEN FLOOR AND WALL.

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for your customer with the installation of VERDEX®.

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A C E your I I C[®]

A Determine the *accurate* IIC for your bare floor assembly.

C Introduce VERDEX[®] to *comply* with the 50 point IIC standard.

E Achieve IIC *excellence* with additional VERDEX[®] material.



PLACE & QUIET[®]

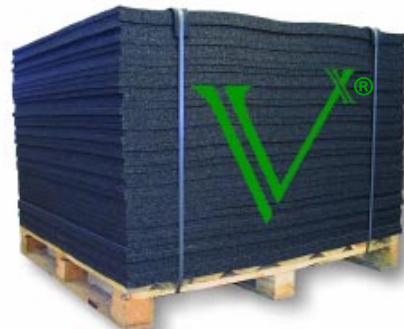
With the new restrictive regulations which determine the minimum sound insulation properties in newly constructed buildings, Primary Acoustics LLC has introduced a superior noise reduction program for the commercial and residential construction trades.

VERDEX[®]

□ is the new line of sound insulation products offered by Primary Acoustics LLC and represents our long-standing commitment to quality & scientific research.

□ comprises a vast range of panels and sheets with high elasticity and high acoustic insulation power. The products are 100% recyclable, odorless, non-toxic, resistant to mold, non-polluting, wear-proof and chemically suitable for contact with cement.

Use as directed during
Construction to improve
Your IIC & STC Ratings.



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