EVERFLOOR

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EVERQUIET EQ312 RUBBER

Datasheet & Installation Instructions

EVERQUIET is a registered trademark of Everfloor (VBL Import Pty Ltd). All data stated in this report are for reference purposes and based on standardized testing and manufacturing processes, whereby small variances may occur during production.

Part 1: Overview

Product Overview

A high-performance acoustic underlay designed for hard flooring, ceramic tiles, stone, marble carpet, vinyl and resilient floor coverings, to reduce the transmission of impact sound generated by footfall noise or to raise the floor height to meet customer requirements.

Material

High-grade recycled rubber, constructed with a long-chain molecular structure using SBR rubber granules. The rubber is a high density rubber designed with millions of nano-voids per meter squared that assists in the absorption of sound energy. The SBR rubber granules are sustainable rubbers made from post-consumer end of life rubber products.

Application

EverQuiet EQ312 is suitable for various residential and commercial applications:

- Multi-residential buildings
- Commercial buildings
- Offices
- Education and schooling facilities
- Music rooms
- Indoor sporting venues

General Data

Width	1	m
Length	20	m
Thickness	3	mm
Density	850	kg/m3

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Part 2: Installation Guidelines

An acoustic result needs to take into account the entire flooring and underlay system. There are two approaches to installing EQ312.

Approach 1: Floating Installation

Floating installation involves laying the underlay above the subfloor and flooring on top the underlay, both without glue.

1. Flooring
2. EQ312 Rubber Underlay
3. Subfloor (concrete or timber)xr

EQ312 Rubber is installed on the subfloor, concrete or timber (hardboard, plywood etc). The chosen hard flooring is then installed on EverQuiet EQ312.



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Step 1: Prepare Subfloor

Whether it be concrete or timber substrate, you need to prepare the subfloor. A suitable subfloor is one that is:

- Flat - refer to the flooring product's installation guidelines, but typically not more than 4mm variation over 1m.
- Stable - subfloor is fixed and not subject to any movement.
- Dry - no moisture or risk of moisture.

Additionally, the subfloor must be smooth, absorbent and clean. In the case of glued underlay, there should not be any wax, grease, polish, or contaminants.

Step 2: Install Underlay

Underlay should be laid perpendicular to the direction the flooring is being installed onto and joins must be butted tightly to each other without gaps.

For floating installations, the adjoining edges of the underlay rolls or sheets must be taped together, we recommend water-proof tape.

Step 3: Install Flooring

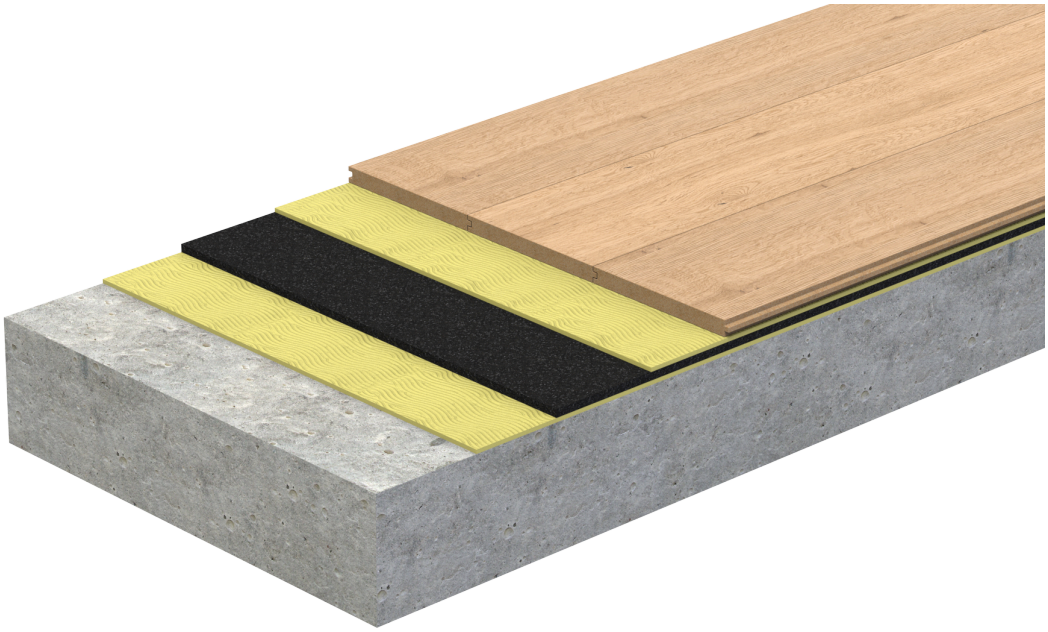
Install your flooring in accordance with the flooring and adhesive manufacturer's recommendations. Please ensure your floor covering is fit for use with EverQuiet EQ312.

You may glue down (direct stick) or float flooring on top of the EQ312 underlay. If you intend to glue down, you must have glued down the underlay in the previous stage.

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Approach 2: Fixed Installation

Fixed installation involves the glue down of underlay to subfloor and glue down of timber to the underlay:



Step 1: Prepare Subfloor

Whether it be concrete or timber substrate, you need to prepare the subfloor in accordance with floor covering manufacturer guidelines. A suitable subfloor is one that is:

- Flat - refer to the flooring product's installation guidelines, but typically not more than 4mm variation over 1m.
- Stable - subfloor is fixed and not subject to any movement.
- Dry - no moisture or risk of moisture.

Additionally, the subfloor must be smooth, absorbent and clean. In the case of glued underlay, there should not be any wax, grease, polish, or contaminants.

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Step 2: Prepare Adhesive

For glue down installations, lay your underlay down first to confirm it has been cut to correct size. Fold back the underlay to expose the subfloor and apply the adhesive.

Use the correct trowel to ensure accurate volume and coverage. Take care not to spread more adhesive than can be laid into before the adhesive starts to skin over (climate conditions will vary this time frame).

Step 3: Install Rubber EQ312

Lay the underlay back onto the adhesive and roll with a weighted roller, of minimum weight 45kg immediately, before the adhesive cures. Do not drop the underlay into the adhesive as air may be trapped under it. Ensure all seams are butt seamed neatly and accurately to ensure there are no gaps. Trims ends of the rolls.

Roll the entire floor in both directions. Check for excess glue that comes out and wipe up immediately.

Step 4: Apply Adhesive

Install flooring in accordance with both the floor covering and adhesive manufacturer's recommendations.

In many cases, you will either trowel down glue e.g. parquetry or utilize strip glue (with a glue gun) e.g. click-lock or tongue and groove flooring.

(Note: Glue-only is likely insufficient for raw hardwood or longer pre-finished boards.)

Step 5: Install Flooring

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Install flooring in accordance with both the floor covering and adhesive manufacturer's recommendations.

We recommend keeping traffic or heavy loads off the floor for 48 hours after installation, or as recommended by the flooring contractor.

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