

## SILENTSTEP PREMIUM

The Silentstep Premium installation guide provides recommendations to maximise the service life in various applications.

### WORK HEALTH AND SAFETY

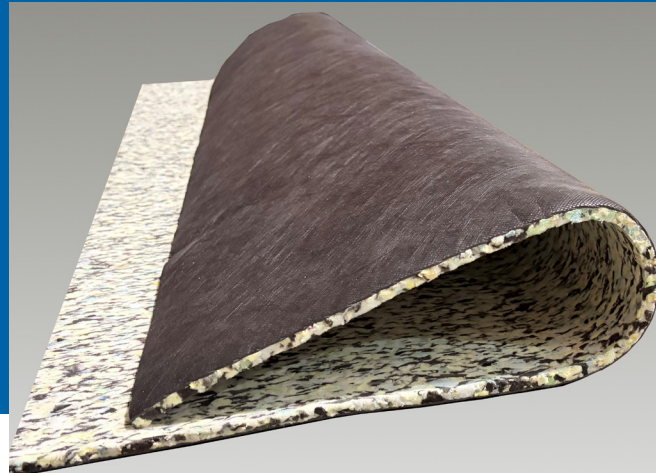
Appropriate safety equipment such as gloves, protective goggles, protective clothing or any other PPE based on local health & safety requirements must be worn by the installer.

### KEY INSTALLATION REQUIREMENTS

- Ensure the floor surface is dry, clean, smooth, and surface evenly levelled. It must also be free of old underlay, adhesive residue, nails etc.. that can affect installation or performance.
- Attention to detail and good workmanship in cutting and installing is essential.
- Coverage of the area being treated must be continuous.
- There should be no gaps at joints or edges as the smallest gap at any joint will result in performance loss.
- It is recommended that good quality underlay tape should be applied on all joins.
- Silentstep is ideal for second storey dwelling timber floors.

### DESCRIPTION

- Silentstep Premium is an acoustic carpet underlay, comprising of a flexible mass-loaded barrier fused to high-density 100% recycled premium foam underlay.
- Silentstep premium reduces impact-generated noise transmission, as well as airborne noise such as speech - whereas typical standard underlay will only reduce footfall impact noise.
- Noise generated from electronic audio technologies, such as radio and television, can be significantly reduced with the installation of Silentstep Premium.



*Silentstep Premium is soundproofing underlay installed to reduce impact and airborne noise in the Building, Transport and Marine industries.*

### applications

- Multistorey living areas constructed from lightweight materials with the intention to lay carpet.
- Marine vessels to reduce engine noise travelling into staterooms, salons, VIP cabins etc.
- Transport industry; under automotive, firewalls, wheel arches, boot mats, and transmission tunnels.
- Motor homes and luxury motor coaches.



## GENERAL GUIDELINE RECOMMENDATION

### MEASURE AND CUT MATERIAL - FLAT SURFACES

- Install standard domestic carpet gripper unless otherwise directed.
- Roll out Silentstep foam side down (blue side to the floor) onto the prepared floor surface. Silentstep should be installed along the edge of carpet gripper making sure the gripper is exposed for easy carpet installation.
- Cut to size using a retractable utility knife or equivalent as per normal underlay.
- Continue rolling out Silentstep ensuring to butt the joins together.
- Secure each join section with good quality underlay tape.
- When installing on timber sub floors, Silentstep has sufficient internal weight to remain in position during the fitting of the carpet. Bonding or stapling is not required for flat surfaces unless specified. If installing on ceramic tile sub floor, contact adhesive can be applied on the corners of Silentstep to secure in place and stop any slipping or movement.
- Install carpet as per manufacturer's directions.



### MEASURE AND CUT MATERIAL - STAIRCASES

- Install standard domestic carpet gripper unless otherwise directed.
- Cut Silentstep to size using a retractable utility knife or equivalent.
- Lay Silentstep foam side down (ensure the barrier side is facing up) onto the prepared floor surface. Silentstep should be installed along the edge of carpet gripper making sure the gripper is exposed for easy carpet installation.
- If installed on timber sub floor then staple Silentstep in place. When installing on concrete sub floor surface then a contact adhesive should be used to secure into place.
- Secure Silentstep join sections with good quality underlay tape if required.
- Install carpet as per manufacturer's directions.



**NOTE:** All information above only serves as a general guideline. Different applications can vary case-by-case.

Please contact Pyrotek® for further information or detailed advice on your specific application.