



Natural rubber underlays

# *Bridgestone Underlay*

Flooring solutions designed to inspire

**AIRSTEP**  
CARPET UNDERLAY

**BRIDGESTONE**

**CARPET CHOICE**

THE RIGHT CHOICE



When selecting a carpet underlay, it's very important to consider the vital job that the underlay has to deliver. It needs to be firm enough to support the carpet, yet soft enough to deliver that luxurious feeling underfoot that you desire.

Airstep natural rubber underlays deliver not only these important features but much much more. Airstep natural rubber underlay is clean, dust free, lint free and fibre free, very important to the allergy prone. Airstep underlays are naturally antimicrobial, which means they are resistant to the growth of bacteria, mould and mildew, important factors in keeping your home healthy.

The construction of Airstep underlays allows for very efficient heat transference from the heating system to your room and is perfect for use with floor heating systems.

The rubber used in the manufacture of Airstep underlays is sourced by 'milking' rubber trees which of course are a 'sustainable resource'.

- Natural
- Anti-microbial
- Reduced noise transmission
- Low fire propagation
- Clean
- Excellent ventilation
- Perfect for underfloor heating
- CFC free
- Firm enough to prevent stretching
- Low Volatile Organic Compound (VOC) emissions
- Thermal rated
- Guaranteed for the "Life Of The Carpet"
- Australian made
- Excellent underfoot comfort
- Excellent performance to Australian Standards AS 4288 "Residential"

### RESIDENTIAL BRIDGESTONE AIRSTEP Waffle

Selecting a new carpet is exciting. A lot of things need to be considered – colour, design, construction etc. You want your home to be a warm and welcoming environment, but there is also an important decision to be made regarding your carpet's underlay.

The unique waffle design of Airstep natural rubber underlays provides the underfoot comfort you desire, plus deliver vital support for the carpet to ensure that you will get the maximum life

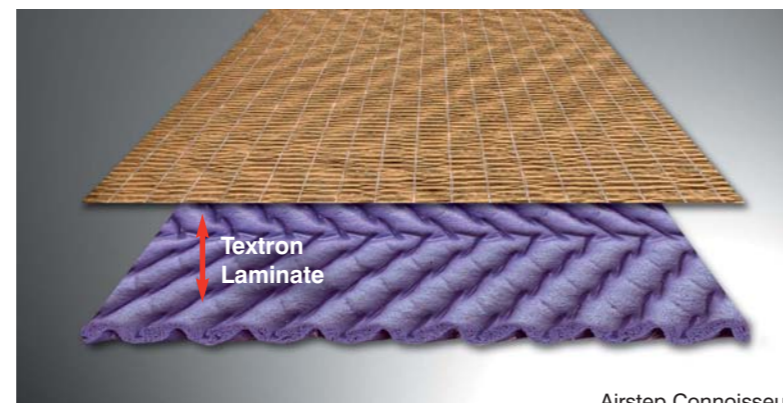


out of your carpet. The correct support prevents the risk of stretching and bubbling over time, which helps to extend the life of your carpet.

The waffle provides excellent sound absorbing qualities, reducing normal noise transmission by up to 80% (Test results available) and also allows the circulation of air between the underlay and the subfloor helping to remove any dampness that may occur in this area. Airstep waffle underlays come in various grades and thicknesses depending on your requirements. Airstep underlays come in colour coded bags according to each product so you can be sure of your Airstep purchase.

Airstep Prime a commercial rated rubber underlay is also suitable to use in those particularly busy households where some areas can really take a pounding.

As with all investments, you should spend as much money as possible on your carpet and underlay to ensure a long and trouble-free life.



Airstep Connoisseur

### COMMERCIAL BRIDGESTONE AIRSTEP Prime

When choosing an underlay for your commercial project, it doesn't need to be hard work. Bridgestone Airstep "Prime" rubber underlay will meet the requirements of your application, whether it's for an office work place, function centre, apartment or education facility. Airstep Prime is practical, hardwearing and helps to prevent the carpet from stretching in high traffic areas but still provides excellent underfoot comfort, particularly in areas where employees may be standing on their feet for long periods of time or in areas where there may be wheeled traffic.

Airstep Prime is also ideal for use under high quality woven carpets where it is vital that the underlay supports the carpet to maximise carpet life. Some inferior underlays are too soft and allow the back of the carpet to stretch and fall apart, causing the carpet to fail. Airstep Prime is designed for very heavy carpets with high pile weight, that require maximum support for a long, trouble-free life.

Airstep Prime underlay will not only extend the life of the carpet but can significantly reduce airborne and impact sound and help prevent the loss of heat, keeping the workplace environment comfortable and energy efficient.

The quality of the indoor environment is of great importance to the occupants of a building with regard to their health and wellbeing. Airstep Prime rubber underlay has been tested for Volatile Organic Compounds (VOC's), it is not considered a health risk and is suitable to be used in "Green Buildings".



### BRIDGESTONE AIRSTEP Firecheck

Bridgestone Airstep Firecheck natural rubber underlay is a product that has been specifically designed to contribute to the "Ignition Resistance" when installing a Solution Dyed Nylon carpet and some high nylon content Wool Blends.

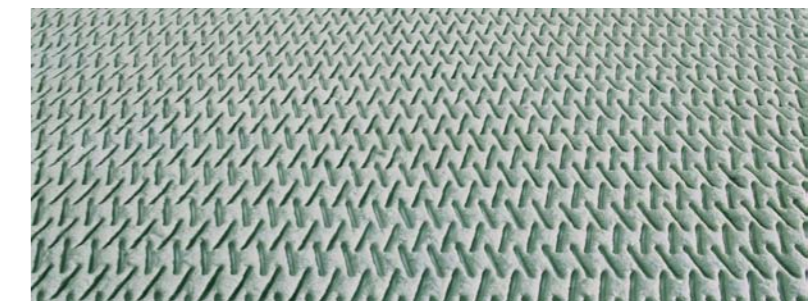
The Building Code of Australia (BCA) requirement is the AS/ISO 9239.1 2003 "Reaction to Fire Tests for Floorcoverings" commonly known as Critical Radiant Flux (CRF).

The minimum requirement for the underlay/carpet installation is 1.2 CRF depending on the building class and the presence of a sprinkler system.

Airstep Firecheck whilst providing all the installed benefits of Airstep Prime gives the added confidence of being "ignition resistant" with a Critical Radiant Flux of 6.5kW/m2 and a Smoke Development Rate of 85%.\*

Please contact Bridgestone for a comprehensive Ignition Resistant information booklet.

\*Test conducted on the underlay only



Insist on Airstep carpet underlay from Bridgestone when you are selecting your carpet. Airstep underlays are available from your local Carpet Choice retailer throughout Australia. Bridgestone is continually looking to new ways of improving their manufacturing to help reduce their impact on the environment. Our environment is seen as an important consideration when making decisions.



# INSTALLATION PROCEDURE

Bridgestone Airstep Natural Rubber Underlays should be installed in accordance with this detailed system of installation.

## Prepare the floor substrate surface in accordance with:

AS/NZS2455.1.1995	Textile Floorcovering Installation Practice-Part 1...General
AS1884-1985	Determination dryness of Concrete Sub-floor-Appendix A
AS/NZS2455.1.1995	Electrical resistance or Hygrometer Test-Appendix B

## Clean and prepare floor:

In the case of timber or composite flooring materials, remove any staples, tacks or nails. Sweep the floor surface to remove dust, dirt, granular particles etc and then apply appropriate filler or leveller as accepted for best industry practices. Some timber floors may have cross width cupping of floorboards or a level variation where replacement boards have been removed or replaced. In such instances, sanding may be necessary before filling gaps etc with appropriate timber filler.

In the case of new buildings with slab concrete floors, floor preparation and moisture checks should be undertaken, in compliance with Australian Standards. Fixing of new gripper strips if required around the perimeter and adjacent to pillar surfaces, should be carried out using a combination of nailing and an approved securing adhesive to provide the optimum trouble-free long term security. All underlay joins should be taped using a 5-10cm wide duct tape, this is part of the Australian standards for laying underlay and carpet. Bridgestone Australia Ltd recommend that all carpets should be power stretched as per the manufacturers recommendation.



Proudly made in Australia by Bridgestone Australia LTD.

PRODUCT	GRADE	WEIGHT g/m <sup>2</sup>	ROLL LENGTH Metres	ROLL WIDTH Metres	THICKNESS mm
Airstep Black Comfort	**	1830 ± 55	15	1.22	7.5
Airstep Premium Gold	***	2360 ± 55	12	1.22	8.5
Airstep Supreme Platinum	****	2450 ± 55	12	1.22	9.0
Airstep Supreme Green	****	2450 ± 55	12	1.22	9.0
Airstep Connoisseur*	****	2450 ± 55	12	1.22	9.0
Airstep Hallmark*	*****	3200 ± 55	9	1.22	9.5
Airstep Supa Blue	*****	3200 ± 55	9	1.22	9.5
Airstep Prime	*****	3000 ± 75	9	1.22	7.6
Airstep Firecheck	*****	3000 ± 75	9	1.22	7.6

\* Made exclusively for Carpet Choice by Bridgestone Australia Limited



BRIDGESTONE AUSTRALIA LTD.  
Consumer Products Division  
20 South Gippsland Highway (PO Box 166) Dandenong, Victoria, 3175 Australia

Tel: VIC/TAS 1800 803 545  
NSW/ACT 1800 802 926  
QLD/WA/SA/NT 1800 806 375  
Fax: All states 61-3-9706 8553  
Tel: All states 61-3-9794 3888

[www.airstep.com.au](http://www.airstep.com.au) [www.carpetchoice.com.au](http://www.carpetchoice.com.au)

