

**Dunlop Carpet Cushion
MicroFresh™
Antimicrobial Protection
for a healthier home.**



MicroFresh™ is proven to inhibit the growth of mould, mildew, bacteria and dust mites which are all significant triggers for allergies such as Asthma.



DUNLOP
flooring

For more information please contact
Dunlop Flooring
sales@dunlopflooring.co.nz
www.dunlopflooring.co.nz

Helpful links:
www.microfresh.co.nz
www.allergy.org.nz

Partner your new carpet with New Zealand's most trusted and comfortable carpet cushion



**For a healthier
home environment
choose Dunlop
Carpet Cushion**



Advanced underfoot comfort™



Why have MicroFresh™ protection in Carpet Cushion?

New Zealand has one of the highest rates of Asthma which is often due to the high rate of mould, mildew, bacteria and dust mites in the home.

It is important that your carpet is frequently cleaned with vacuuming and occasional professional cleaning. Vacuum cleaning is not guaranteed to remove all the nasties that can lurk unseen on the carpet and carpet cushion/underlay. Depending on the home environment mould, mildew, bacteria, and dust mites can grow very quickly.

MicroFresh ensures there is added protection against food spills, dirt, and other sources that can cause mould, mildew, bacteria and dust mites to build up. With MicroFresh your Carpet Cushion will maintain a hygienic freshness and perform better for longer.

Is MicroFresh™ protection safe?

Yes, MicroFresh protected Carpet Cushion is completely safe. MicroFresh is built into the carpet Cushion at the point of manufacture.

MicroFresh is a broad-spectrum antimicrobial additive which is used in the polyurethane foam industry.

The main active ingredient in MicroFresh protection is zinc pyrithione which is registered both with the European Chemical Agency and the US Environmental Protection Agency for a wide range of preservative applications, including some food contact applications. It is commonly used as an anti-dandruff agent in shampoos, and antimicrobial in paints and plastics.



Dunlop's Dreamwalk Carpet Cushion is certified to comply to the Carpet Rug Institute's Green Label PLUS programme. For further information refer to our Green Label PLUS information on our website.

Testing

MicroFresh protected Carpet Cushion has been independently tested.

- ASTM E2471 – Standard test method against bacteria and fungi
- AATCC100 – Test method against bacteria
- AFNOR NF G 39-011 – Test method for dust mites.

Summary of results:

Fungi

Unprotected
Zero inhibition



Fungi
No Fungi

MicroFresh protected
Clear Zone of Inhibition



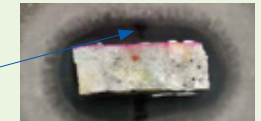
Bacteria

Unprotected
Zero inhibition, over 8000% bacteria growth



Bacteria
No Bacteria

MicroFresh protected
Clear Zone of Inhibition, a 96% bacteria reduction



Results show that fungi/bacteria did not come in contact with MicroFresh product, and on separate testing showed a significant reduction from initial bacteria introduced.

Dust mites

Testing started with 50 dust mites, an initial food source, and replicating a typical day/night home environment over a 6 week period (2 life cycles of a dust mite).

Unprotected
Grew to an average 886 living dust mites



MicroFresh protected
No living dust mites

