

Dunlop's commercial Double Bond range uses 100% recyclable Bonded Polyurethane foam for improved performance

The leading range of Double Bond carpet cushioning

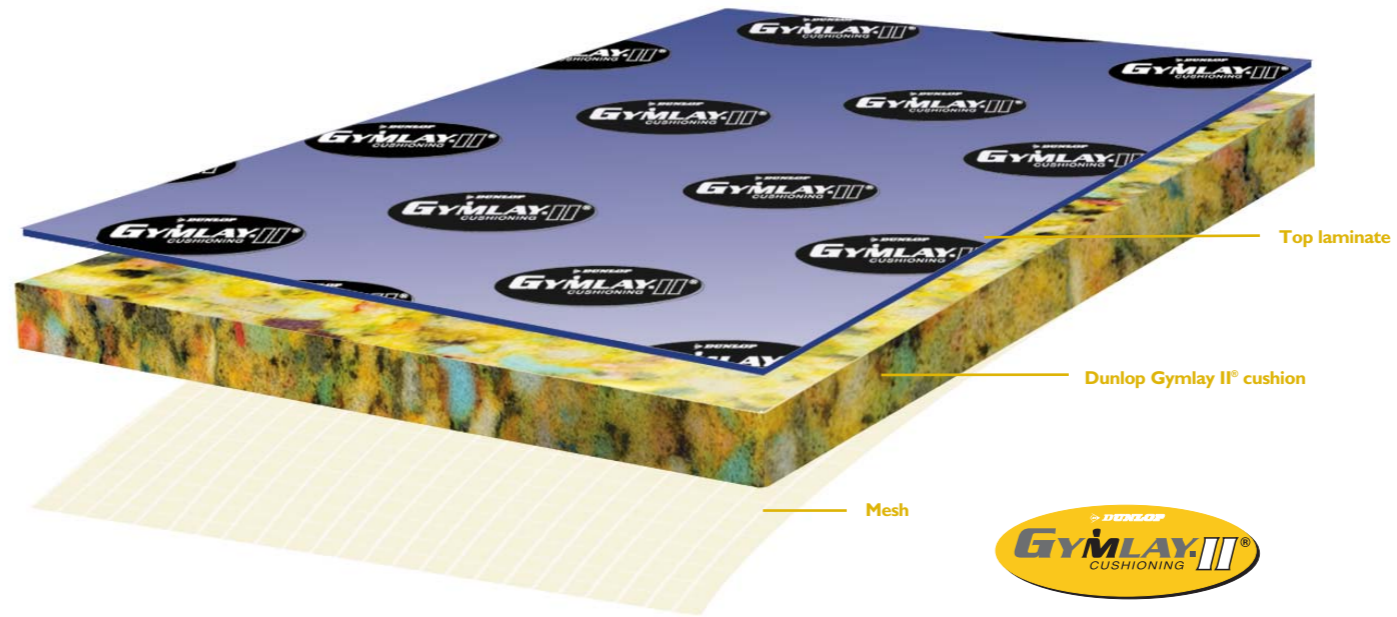
Dunlop Flooring benefits from more than 35 years experience in the manufacture of carpet cushioning. For over a decade the company has led the way in the commercial market with the ongoing development and improvement of its time-saving Double Bond System. So much so that Dunlop Flooring commercial products are the most specified in Australia featuring in a prestigious location the Parliament House, Canberra.

Technical superiority

Based on unmatched commercial experience and feedback from specifiers and installers, Dunlop Flooring rationalised its range to two key products.

Gymlay II® is one of them

This rationalisation both simplifies the selection process and offers standardisation with 10 metre long rolls. At the same time, the production process has been re-engineered using Bonded Polyurethane foam to deliver technically superior performance and consistent quality. This is ensured by Dunlop's complete process control - from raw material through to manufacturing and marketing.



Healthier and environmentally responsible too

Dunlop Flooring has led the way by incorporating Ultra-Fresh®, the proven anti-microbial treatment, into its products. The move to Bonded Polyurethane foam has allowed Dunlop to include this treatment in Gymlay II®. In addition, Dunlop is at the forefront of recycling with a totally recyclable product range. This, combined with a buy back scheme for polyurethane products, encourages responsible waste management and sound environmental practices.

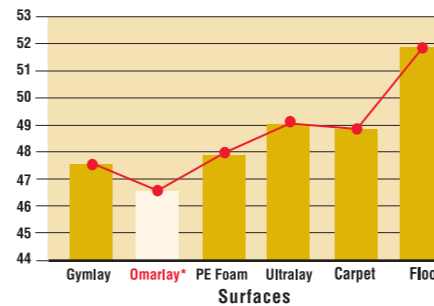
Superior impact protection and better carpet performance

Aerobic performers, gymnasts and other indoor sports people need the protection of a surface that provides maximum levels of shock-absorption with a minimum amount of lateral displacement.

Tests carried out by the Biomechanics Unit of the Victoria University of Technology in 1994 demonstrate that Omarlay (now marketed as Gymlay II®) provided superior shock-absorption. Gymlay II® is supplied with the added benefits

of an increased thickness and improved laminate. On the key indicators of 'Mean Peak Force' and 'Jerk', Omarlay (Gymlay II®) in conjunction with the standard carpet was the superior performer. Note that the lower the measurement on the chart, the more effective the product.

Average 'Jerk' between foot contact and Peak Force



*Now marketed as Gymlay II®

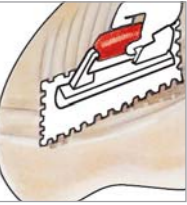
Bonded Polyurethane

Bonded Polyurethane foam with no added filler provides a more luxurious feel with outstanding carpet support because all of its constituents are actively resilient.

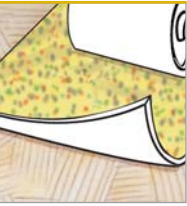
- Impact absorbing performance maintains carpet appearance and ensures durability.
- Exceeds the minimum AS 4288 for breaking force, ensuring sufficient tensile strength for pulling or stretching during installation.
- Flexibility helps even out imperfections in the floor surface enhancing the appearance of the carpet.
- Top and bottom laminate for Gymlay II® is Cerex, a spunbonded nylon proven in tests to ensure a superior bonding surface to the superseded range.

Dunlop Gymlay II® Installation Method

The floor surface is prepared as specified and an application of adhesive is evenly distributed using a V notch trowel.



The floor cushioning is lowered into the adhesive and rolled to ensure maximum contact.



Adhesive is then evenly applied to the surface of the cushioning.



The carpet is lowered onto the second layer of adhesive, seamed with hot melt tape and rolled to ensure maximum bonding.



Note: It is mandatory to use hot melt tape for Gymlay II®. It is highly recommended to use hot melt tape for Specilay II™ and Ultralay II®.

The Proven Dunlop Flooring Double Bond System

The problem with conventional carpet-laying methods is that the carpet needs to be stretched across the area it covers, then possibly re-stretched again as it wears and wrinkles with use.

The Dunlop Flooring Double Bond System avoids these costly problems (as shown in the illustrations above).

Carpet adhesive manufacturers have developed special adhesives for use in the Double Bond System. These ensure that, once the cushioning and carpet are laid in position, they stay bonded for the life of the carpet. There's no movement independently of the cushioning.



Ultra-Fresh®: a first step to a healthier interior environment

Recent scientific evidence has established that interior environments can be a major contributor to health problems. Dust mites in particular have been shown to be the cause of asthma, hayfever, bouts of sneezing and even eczema.

Dunlop is the first manufacturer of carpet cushioning in Australia to treat its products with the anti-microbial compound, Ultra-Fresh®. Laboratory tests show that Dunlop carpet cushioning treated with Ultra-Fresh® ensures effective, long term control of dust mites as well as the growth of destructive bacteria, moulds, mildew and fungi. Ultra-Fresh® also provides odour protection, increases hygiene and reduces staining.

Controls
Dust Mites



Controls
Bacteria



Controls
Mildew



Controls
Mould



Technical specifications

Density	120kg/m ³ Nominal
Thickness	10.0mm ± 0.3
Roll Length	10.0m
Roll Width	1800mm ± 5

All statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed. Trade Purchasers assume all risk and liability resulting from the use of this product and must confirm the suitability thereof by their own test. Conditions of Sale contain a limited warranty against manufacturing defects.*



Tiffany & Co., Collins Street, Melbourne

Dunlop Flooring are makers of the most specified commercial carpet cushioning products in Australia.

The expertise and unmatched experience of Dunlop Flooring is in evidence at the most prestigious locations in Australia. Here builders, specifiers and architects have relied on Dunlop's technically superior products and service to deliver flooring solutions of lasting quality.



Dunlop Flooring is a PACIFIC BRANDS Company
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Ultra-Fresh® is a Registered Trademark of Thomson Research Associates

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VI 2387-1 03/04

Double Bond Carpet Cushioning that's simply superior

