

A red circular logo with a white stylized plant or tree icon inside. The text "Red List Free" is written in white, bold, sans-serif font. Below it, in smaller white text, is "RED LIST ON A LIVING FUTURE INITIATIVE".

Red List
Free

SENIOR LIVING, WELLBEING AND EDUCATION

MegaPlank®

Carpets Inter®



Senior Living, Wellbeing & Educational Facilities

When we are caring for our seniors in later years or making sure our 'off-spring' are given the best learning experience, we need to ensure their surroundings are safe, functional and home-like....

A primary element towards creating these functional environments is the type of flooring used.

Fit for Purpose...

Carpets Inter provide durable “fit for purpose” floor covering solutions for Senior Living, Wellbeing & Educational facilities.



Flooring becomes
another design medium allowing
for the creation of truly unique
design schemes without
compromising performance.

MegaPlank® can help
achieve any creative vision through
use of the exclusive patterns, textures
and colours.



INTRODUCTION

TO SENIOR LIVING, WELLBEING & EDUCATION

GENERAL

The primary requirement governing the selection of flooring for Senior Living, Wellbeing & Education environments is that it should be 'fit for purpose', i.e., that the functional performance of the flooring should match the users' requirements. This definition covers not only the physical or functional performance, but also the many factors that impact users and occupants, and are a recognized part of the user experience, e.g. acoustic control, colour, texture, and comfort.

MATERIAL PROPERTIES

Simply put, flooring materials can be classified as hard, resilient or soft. Hard and soft materials are easily distinguished and are represented by ceramic tiles at one end of the scale and textile finishes at the other. Resilient finishes by contrast include vinyl sheet, rubber and linoleum, ranging from semi rigid (vinyl composition tiles) to semi soft (acoustic backed vinyl and rubber). Within each category a further level of properties includes imperviousness, smoothness, slip-resistance, fire hazard properties, dirt retention/control, component size and method of joining, all of which affect suitability for use.

MegaPlank® offers superior Sound Absorption ensuring a calm, relaxing and stress-free environment...



PERFORMANCE

'Fit for Purpose' implies that floor finishes achieve the performance required for the intended use, such as:

- Safety and OHS
- Infection control, hygiene and odor control
- Fire safety
- Interior environment quality (IEQ), including acoustic control and indoor air quality (IAQ)
- Being reassuring and comfortable, including underfoot comfort
- Sustainable or low environmental impact
- Ease of cleaning and low maintenance
- Whole of Life Costing (WLC) and Life Cycle Assessment (LCA) efficiency
- Accessibility, wheelchair and wheeled equipment use.

Many Healthcare & Educational facilities are governed by regulation, e.g. accessibility, safety, acoustic, fire safety and OHS. It is essential that the architect and/or interior designer consult with the client representative and product manufacturer to ensure that the end product can be signed-off as suitable and 'fit for purpose'.



WHY USE CARPET...

UNDERFOOT COMFORT

Carpet effectively absorbs foot impact and reduces leg muscle fatigue to a greater degree when compared with hard floor impact. Comfort under foot translates to a higher degree of comfort for the occupant and may assist to increase the overall productivity of the staff working within the facility.

ENERGY SAVING

Ambient temperature fluctuations which can occur with hard flooring, can be minimised by the use of MegaPlank® carpet. In controlled experiments by textile laboratories measuring heat consumption of two identical dwellings (one with and one without fitted carpet), tests showed energy savings of up to 20%.

ACOUSTICS

Carpet is an outstanding sound absorptive material. MegaPlank® suppresses more than twice the ambient noise of all other standard floor finishes.

AESTHETIC

Carpet offers the interior unlimited pattern and color options. The unique cushion backing of MegaPlank® disguises joins for a seamless and balanced overall effect.

GLARE REDUCTION

Some Homogeneous & Ceramic Hard Flooring are reflective, creating glare from sunlight or overhead lighting which may disorient elderly occupants, potentially causing them to fall. MegaPlank® carpet will prevent glare and provide a consistent focal point.

SLIP RESISTANCE

Underfoot grip is essential. Senior Citizens and physically active children require firm contact with the flooring surfaces. Independent tests show that whilst falls on carpeted flooring resulted in only 20% injury, it rose to over 50% on Hard floor!

OPERATIONAL DISRUPTION

MegaPlank® composite PET felt cushion back is breathable and can be installed onto rough floor finish up to 90%RH, reducing installation time to less than half and avoiding costly impact to the facility operations and disturbance to the occupants.

INDOOR AIR QUALITY (IAQ)

Carpets using 100% synthetic materials perform best in Healthcare spaces. Airborne dust and bacterial particulates are released through everyday foot traffic and/or drafts from access routes. While hard surface floors allow allergens to be kicked up into the air - potentially triggering allergic reactions, MegaPlank® carpet improves indoor air quality by capturing dust and small soil particles in its pile until they are vacuumed away.

ENVIRONMENTAL

Carpets Inter is certified in ISO 14001, which means that our environmental management programs meet globally recognized standards. We are committed to minimizing environmental impact at every stage of production by

- Continued use of environmentally responsible recyclable synthetic fibers.
- Zero Landfill program by repurposing offcuts into refuse derived fuel (Biofuel) for Power generation and Cement manufacturing, and water treatment sediment for fertilizer production.
- Use of Low VOC carpet adhesives and backings for all our products.
- Support of environmentally friendly ECOgent™ carpet cleaning chemicals for maintenance.
- State-of-the-art water treatment facility.
- Paper recycling programs.
- Member of the Carpet & Rug Institute.



The key performance criteria

for any Senior Living, Wellbeing or Educational facility are ambient noise reduction, hygiene, safety, aesthetics, ergonomic comfort, environmentally friendly & functionally all round **'fit for purpose'** products....



MegaPlank®

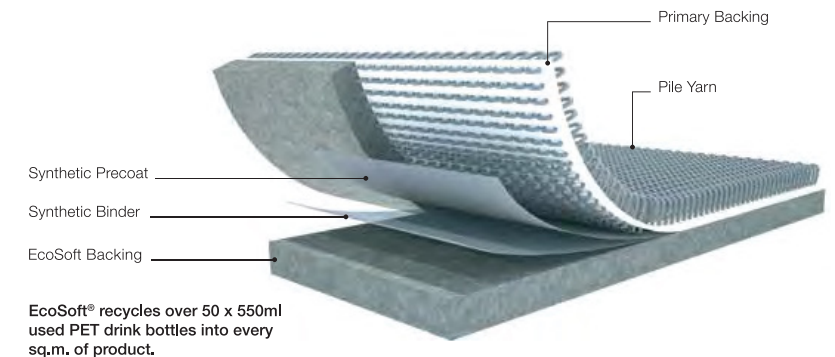
Carpets Inter revolutionary MegaPlank® provides a perfect floor covering solution for Senior Living, Wellbeing & Educational Facilities.

THE SOLUTION

EcoSoft®

Sustainable Performance and Value

EcoSoft® is made from 80% post-consumer material reengineered from millions of discarded drinking water bottles, plus 5 to 10% post-industrial recycled PET. This environmentally friendly backing not only meets all the stringent performance criteria required for modular carpet, but consistently outperforms conventional PVC and bitumen hard-backed product, as well as urethane cushion back in terms of durability, underfoot comfort, acoustical propensity and indoor air quality.



MegaPlank®

with EcoSoft® Back - Outstanding Features

Product

- ♥ Custom Pattern & Color to enhance any Interior Space
- ♥ Reduces pile fiber crush; minimal wear and tear prolonging appearance retention
- ♥ Cushioning effect reduces leg fatigue
- ♥ Superior sound absorption, outperforms all other floor finishes
- ♥ Thermal Insulator reducing energy cost by up to 20%
- ♥ 15-Year limited wear warranty

EcoSoft® Backing

- ♥ Uses Post-Consumer Recycled PET from discarded plastic bottles
- ♥ No PVC, Bitumen or Fiberglass achieving low VOC's for superior OHS.
- ♥ Breathable backing improves Indoor Air Quality & expedites wet cleaning cycles
- ♥ Superior Dimensional stability

Installation

- ♥ Supplied as 2.00m-wide < 20-meter long modules cutting the average installation time by half achieving minimal disruption to occupied spaces
- ♥ May be applied onto unburnished floor wet-slab, eliminating expensive floor preparation
- ♥ MegaPlank® is installed onto wet quick-release adhesive, such upon completing the warranted lifespan may be uplifted with minimum affect to the substrate, avoiding prolonged and expensive repairs often necessary after uplifting hard and/or resilient flooring.
- ♥ Spare maintenance stock rolls may be stored upright with minimal storage space.

Environmental

- ♥ Environmentally Friendly - 100% Recyclable at your local recycling center





Sanitized®

Sanitized® is a plus for all healthcare facilities.

The antimicrobial treatment offers cleanliness even in between normal cleaning cycles for more peace of mind.

- ▶ Integrated into the carpets primary back-coating for everlasting effect
- ▶ Safe for people and the environment
- ▶ Constant protection against bacteria and fungal growth
- ▶ Helps reduce material degradation, stains and odors caused by the colonization of microbes

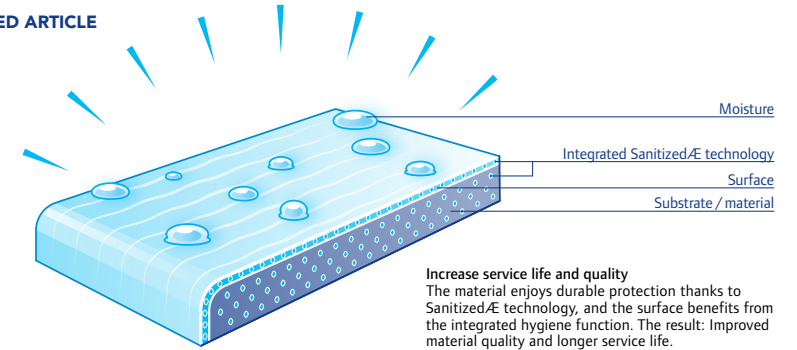


LONG-LASTING HYGIENE MANAGEMENT

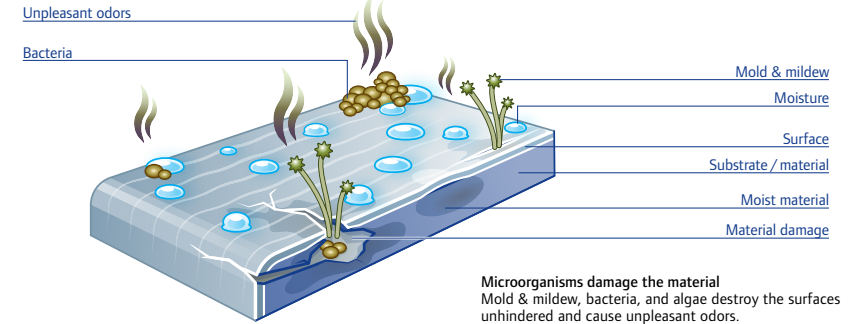
Long-lasting material protection thanks to SanitizedÆ technology



PROTECTED ARTICLE



UNTREATED ARTICLE



Built-in Sanitized® material protection. Enhanced to improve durability, performance and aesthetics. The Sanitized® hygiene function is an integrated antimicrobial treatment providing long-lasting protection against microbial aggressors like bacteria, mold and mildew that cause material degradation.

Carpets Inter® 100% SDN fiber MegaPlank® can be treated with the Sanitized® hygiene function upon request.

When choosing floor covering

for Senior Living, Wellbeing & Educational facilities, remember it is essential that the architect, interior designer and building contractor consult with the client representative and product manufacturer to ensure that the end product can be signed-off as suitable and **'fit for purpose'** for each individual location within the facility.

Carpets Inter, providing healthier flooring solutions....



MegaPlank® Product Spec

Construction	Tufted Loop Pile
Pile Fiber	100% Solution Dyed Nylon
Pile Weight	14 oz. - 24 oz.
Pile Height	3.0 mm. to 5.5 mm.
Backing	Ecosoft® environmentally conscious recycled PET Felt. Please consult your local Carpets Inter Representative for full technical and performance specifications.
Roll Width	2.00 meter wide roll
Roll Length	Recommended module @ 8 to 24 linear meters long
Pattern Repeat	Patterns are non-critical match.
Sound Absorption	BS EN ISO 354 NRC 0.30 or higher (Superior Noise Reduction)

This unique 2.00m wide system may be installed in conjunction with our standard EcoSoft® Back modular carpet Tiles to achieve practical functioning combinations.

- ✓ 100% Recyclable
- ✓ Compliance to Indoor Air Quality by Carpet and Rug Institute monitoring program
- ✓ Low Volatile Organic Compounds (VOCs) into the air improve workplace health & safety
- ✓ NSF 140 - Sustainable Carpet Standard
- ✓ ECS - Australian Environmental Certification Scheme
- ✓ LEED - Leadership in Energy & Environmental Design
- ✓ SGBC - Singapore Green Building Product
- ✓ CE Mark - Conformity of European Safety Standard

SENIOR LIVING, WELLBEING & EDUCATION PROJECTS

- 📍 Bialik College, Australia
- 📍 Caroline Chisholm College, Australia
- 📍 Gunghalin College, Australia
- 📍 RMIT University, Australia
- 📍 Southern Cross Catholic College, Australia
- 📍 St Flannan's Catholic Primary School, Australia
- 📍 Trinity Grammar School, Australia
- 📍 Trinity Senior School, Australia
- 📍 Vogel Campus, New Zealand
- 📍 Sultan Qaboos University, Oman
- 📍 Supreme Education, Qatar
- 📍 HCT Al Ain Campus, UAE
- 📍 National University of Singapore
- 📍 Kumon Co., Ltd, Thailand
- 📍 Bayside Specialist Centre, Australia
- 📍 Fernwood Fitness Parramatta, Australia
- 📍 Healthscope Dromana, Australia
- 📍 Marly Hemisphere Nursing Home, Australia
- 📍 Southbank Medical Clinic, Australia
- 📍 Pacific Radiology, New Zealand
- 📍 St George's Hospital, New Zealand
- 📍 Bumrungrad International Hospital, Thailand
- 📍 Vejthani Hospital, Thailand



Carpets Inter®

Carpets International Thailand
Public Company Limited

2054 New Petchburi Road
Bangkapi, Huaykwang, Bangkok 10310 Thailand
Tel +66 (0) 2314-5402, Fax +66 (0) 2318-3537
info@carpetsinter.com

www.carpetsinter.com

