



RENASCI™

Milliken™

Milliken™

RENASCI™

DAY ONE OF A TRULY CIRCULAR FUTURE.

**CRAFTED FROM 80% CARPET WASTE
AND 20% SOFT PLASTIC WASTE.**

N/XT LIFE™
CIRCULARITY PROGRAM

RENASCI™

Latin: To be born again

In a world overwhelmed by waste*, a bold idea emerged to take what's discarded and turn it into something meaningful. Construction and demolition waste is the largest waste stream in Australia and New Zealand, making up over 39% of the total waste.

In 2024 alone, an estimated 36 million tonnes of this waste was generated. Carpet contributed a staggering 11% of the country's textile, leather, and rubber waste with approximately 90,000 tonnes annually ending up in landfill, where it stays for generations*.

The problem is clear: synthetic carpets made from nylon, polyester, and polypropylene are built to last - but not to last well. Their durability in homes and commercial spaces comes with a cost to the planet. But what if lasting could also mean lasting impact?

Milliken took this challenge head-on.

Through our N/XT Life™ Circularity Program, we reimagined flooring from the ground up, considering every material, every process, every decision. The goal: to transform carpet waste and soft plastic waste into something new, useful, and truly sustainable. The result is Renasci™*, a resilient flooring innovation born from intention and designed for circularity.

Made from 80% carpet waste and 20% soft plastic waste, Renasci™* doesn't just reduce landfill, it redefines possibility. High performance, and full recyclability, it's not just flooring. It's DAY ONE of a closed-loop future. A lighter footprint. A cleaner path forward. And a powerful reminder that from waste, something remarkable can be born again.

*Renasci™ – Patent Pending

*Source: DCCEEW National waste and resource recovery reporting and NZ Ministry for the Environment – New Zealand Construction and Demolition Waste Baseline and Tracking Methodology Report.

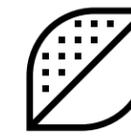


What if ONE solution could close the loop and impact the carpet waste and soft plastic waste crisis?



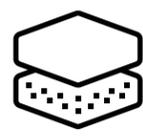
WASTE. REINCARNATED.

Born of 80% carpet waste and 20% soft plastic waste, Renasci gives waste another life.



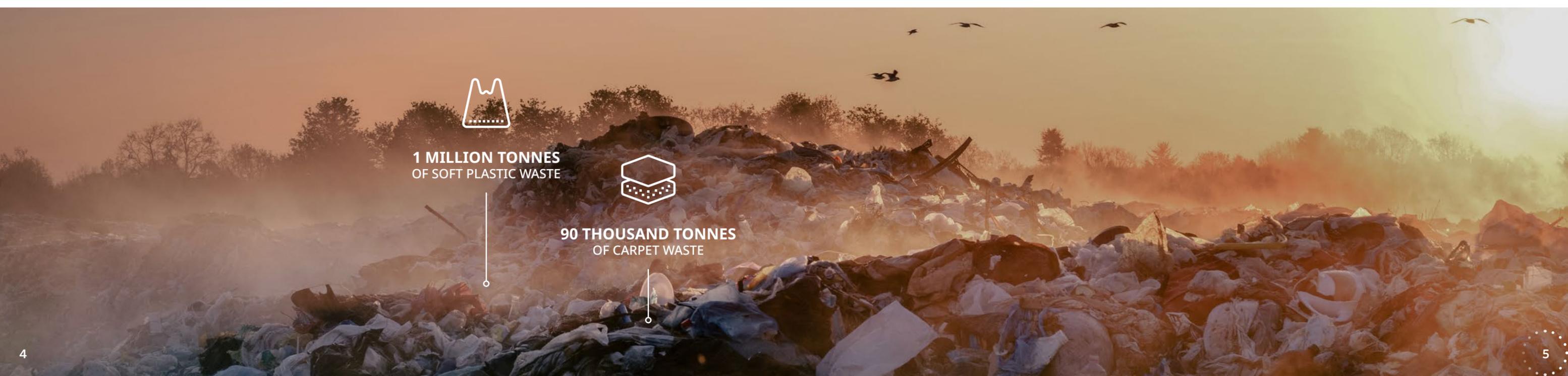
LIGHTER FOOTPRINT.

Renasci closes the loop right here in Australia and New Zealand.



BORN AGAIN. BY DESIGN.

Because of our N/XT Life™ Circularity Program, every Milliken carpet can live again as Renasci — completing the cycle for good.




1 MILLION TONNES
OF SOFT PLASTIC WASTE


90 THOUSAND TONNES
OF CARPET WASTE





“INNOVATION AT HEART. SUSTAINABILITY IN MIND. BEAUTY IN EVERY SPACE.”

Renasci™ is a resilient flooring innovation designed for circularity, where recycled materials meet refined aesthetics. Crafted with intention and purpose, Renasci™ transforms waste into a sophisticated Dark Grey finish, offering a flooring system that unites durability, sustainability, and elevated design. The result is a bold visual statement that speaks to both innovation and environmental responsibility.

COLOURWAY

NERO | REN27 | PLANK SIZE 50cm x 1m



Milliken™

N/XT LIFE™

CIRCULARITY PROGRAM

N/XT LIFE™ CIRCULARITY PROGRAM SETS THE FOUNDATION FOR A TRULY CIRCULAR FUTURE FOR CARPET* - STARTING FROM DAY ONE.



CLOSED-LOOP RECYCLING. FROM DAY ONE.

All our carpets are 100% recyclable locally in Australia and New Zealand.



NOTHING LEFT BEHIND. FROM DAY ONE.

Zero carpet waste to landfill. Every tile, every off-cut, every scrap sent back to Milliken - recycled and reborn, through our N/XT Life™ Circularity Program.



DESIGNED TO RETURN. FROM DAY ONE.

All our carpets are free of any chemicals of concern and certified Declare Red List Free - designed to live again and again.



* Only available in Australia & New Zealand.

RENASCI™

RESILIENT FLOORING

SPECIFICATION

Construction Mixed Polymers	Pieces Per Box 6 pieces	Scratch Resistance (0.6Kg mass) (ISO 1518.1 – Part A) No Scratch
Finish Integrated Polyurethane	Weight Per Box 26.5kg	Determination of Dimensional Stability & Curling after Exposure to Heat (ISO 23999) ≤0.25%; Curl ≤2mm
Wear Layer Thickness 0.50mm	Quantity Per Box 3.00 m ²	Castor Chair Resistance (ISO 4918, 5000 cycles) PASS
Tile Size 50 cm x 100 cm	Critical Radiant Flux (AS ISO 9239-1) 2.9 kW/m ²	Total VOC Emissions (ISO 10580) ≤0.30 (mg/m ² /h)
Overall Thickness (Nominal) 6.5 mm (±0.3 mm)	Smoke Rate (AS ISO 9239-1) 597%.min	
Recyclable 100%	Slip Resistance Classification P3 & R10	

Recommended Installation Method(s):
Glue Down Only —
Half-Drop Ashlar
Random Ashlar
Herringbone

Recommended Area of Use:
Commercial | Residential

Warranties:
10-year Limited Commercial Wear Warranty

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Renasci* - patent pending

N/XT LIFE™

CIRCULARITY PROGRAM

N/XT Life™ Circularity Program emphasizes material circularity and environmental responsibility in flooring design. By focusing on reducing, reusing, and recycling through strategic partnerships, the N/XT Life™ Circularity Program gives flooring a second life. With the use of Red List Free materials, prioritisation of recycled yarn, and the innovative ways Milliken looks to extend carpet life - we hope to create a positive impact on the world around us.

CUSTOMER SERVICE

Australia:
Toll Free: 1800 668 372

New Zealand:
Toll Free: 0800 668 372

www.millikenfloors.com.au
(Australia & New Zealand)

Images in this brochure are approximate for colour and pattern scale. Please use actual samples to make your final selections.

Cover Image: Renasci™ in Nero
NER27 | Half-Drop Ashlar Installation

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Renasci™ in Nero | REN27
Half-Drop Ashlar Installation