SPECIFICATION SHEET DATE: 30/06/2026

AMPLIFIER (WELLBAC® FUNCTION)

Beats | Echo

Modular Tiles

PRODUCT SPECIFICATION

Standard Backing	WellBAC® Function (PVC FREE) (Non-Reactive Cushion Backing)
Acoustic Value	Noise Reduction Coefficient – NRC ≥ 0.20
	Impact Sound Pressure Level – Ln,w ≤ 55dB

WELLBAC®

Milliken WellBAC® open cell foam cushion provides superior durability, appearance retention and cushioning.

UNDERFOOT COMFORT
Up to 24% greater underfoot comfort for enhanced ergonomics whilst standing.

ACOUSTIC VALUES
Up to 50% improved acoustics for quieter, more productive spaces.

INDOOR AIR QUALITY
Enhanced Indoor Air Quality (Green Label Plus™ Certified Low VOC) for improved occupant and installer well-being.

MOISTURE MITIGATION
Industry leading moisture management with non-reactive backings to enhance the installation process, saving time and money.

MATERIAL HEALTH
3rd party Verified Declare™ Red-List Free products for occupant and installer well-being.

CIRCULARITY
100% Recyclable through the Milliken N/XT LIFE circularity program for both installation waste and end-of-life.

Construction	Tufted, Texture Loop
Tile Size	50cm x 50cm
Yarn Type	100% Solution Dyed Nylon
Stain Resist | Soil Release	Built-In Protection
Dye Method	Solution Dyed
Embodied Carbon	7.1 kg/m² co²E
Gauge	1/12
Stitches Per Inch	10
Tufts	120/in² (1,858/100cm²)
Recyclable	100%
Recycled Content by Total Weight	41%
Nominal Total Thickness	5.60mm
Nominal Pile Thickness	2.79mm
Nominal Total Weight	90 oz/yd² (3,052g/m²)

Flammability (Radiant Panel Test)	CHF/CRF = 5.5kW/m² Smoke Value = 98%. min
Lightfastness (AATCC 16E)	≥ 4.0 at 80 Hours
Static Electricity (AATCC-134) 20% R.H., 70° F	≤3.5V
Indoor Air Quality CRI Green Label Plus™	≤ 0.5mg/m³ (GLP73200)
VOC	Pass (ISO 10580:2010)
ACCS Grading	CHD 3*, REHD2 6*, Suitable for Stairs
Environmental	ECS Grading – Level 4 + (Core + No Chemicals of Concern + EPD + Carbon Neutral)
	Declare – RED LIST FREE
	Cradle to Cradle - Silver
	M/PACT™ Carbon Neutral Program
	Environmental Product Declaration (EPD)
	Health Product Declaration (HPD)
	Works With WELL

The recognised Product Certification Initiatives in the Green Star rating tools that contribute to the responsible product value of Milliken carpet tiles are as listed. The Green Building Council of Australia recognises Responsible Products that may contribute to a Green Star rating through its Responsible Credits (rpv).	1. ECS Carpet Standard v2.2 2. Cradle to Cradle 3. Declare 2.0 – Red List Free 4. Science-Based Targets Initiative (SBTi)	**GBCA** **Responsible Product Value** **30 rpv**

Recommended Installation Methods	Beats, Echo: Quarter Turn | Monolithic Echo: Random			
Recommended Area of Use	Commercial Heavy Duty			
Warranties	20-year Wear Warranty	20-year Anti-Static Warranty	20-year Dimensional Stability Warranty	20-year Castor Chair Wear Warranty

MILLIKEN CARPET TILE AND RENASCI™ – WASTE MANAGEMENT & RECYCLING

SECTION: CARPET TILES

GENERAL

- **Scope:**
    1. Installation waste - Collection, segregation and recycling of Milliken carpet tile and Milliken Renasci™ resilient flooring.
    2. End-of-Life - Removal and recycling of Milliken carpet tiles and Renasci™ resilient flooring during refurbishment or demolition.
- **Standards:** Comply with Milliken N/XT Life™ Circularity Program terms and conditions.
- **Recycling Target: 100% diversion from landfill** by weight for both installation and end-of-life Milliken carpet tile and Milliken Renasci™ resilient flooring.

SUBMISSIONS

- **Waste Management Plan (WMP):** Prior to installation and removal works, submit plan detailing segregation, storage and transporting to recycling facility.
- **Reporting:** Provide waste diversion reports during work, and a final waste audit on completion.
- **Evidence:** Supply Milliken N/XT Life™ Circularity Program certificate confirming total weight of product recycled.

EXECUTION

- **Segregation:**
    - Installation offcuts:
        - Collect offcuts and pack into Milliken carpet tile boxes.
        - Ensure no contamination with other materials.
        - Stack boxes on pallets and shrink wrap for transportation. Maximum 24 boxes per pallet.
    - End-of-Life - Full Tiles:
        - Full tiles must be free of contaminants and excessive cementitious materials.
        - Stack full tiles neatly on pallet, no more than 1.2m high. Shrink wrap for transportation.
    - End-of-Life – Offcuts:
        - Collect offcuts and pack into Milliken carpet tile boxes.
- **Storage:** Store in a clean and dry area. Must be clearly labelled to prevent contamination.
- **Preparation for recycling:** Remove contaminants from removed tiles as required by Milliken.
- **Transport:** Protect waste from moisture and contaminants during transit, to recycling facility.