Digital Product Passport (DPP)

Carpet Institute of Australia

What is the DPP?

The Digital Product Passport (DPP) is an innovative tool designed to enhance transparency and traceability across the flooring industry.

It provides detailed information about a product's materials, manufacturing process, and environmental impact, helping businesses meet regulatory requirements and sustainability standards.

By making key product data easily accessible, the DPP supports informed decision-making and aligns with the growing market demand for sustainable flooring solutions.
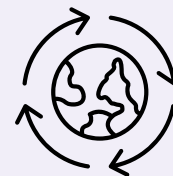
Why is important?

The construction industry is under increasing pressure to reduce waste and improve traceability.

The Digital Product Passport supports sustainability, transparency, and circular economy goals.
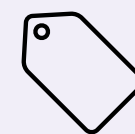
Aligns with:
- GBCA's benchmarking recommendations.
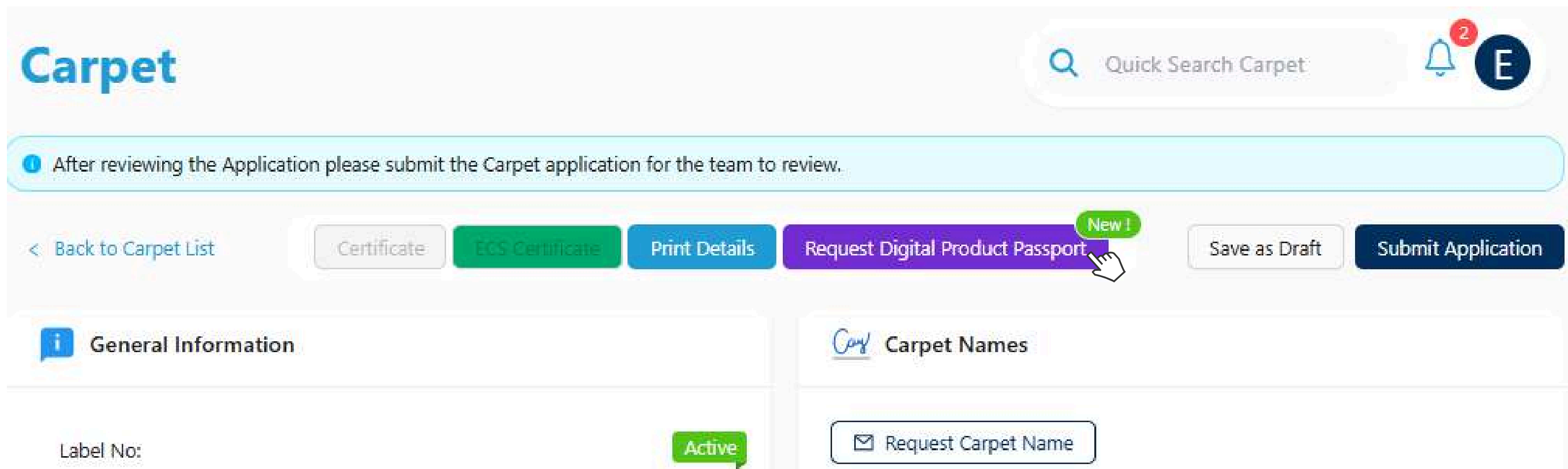- International trends (ECRA).

Avoid duplication: DPP acts as a single access point for all verified product information.

Enhances the value of existing labels (ACCS and ECS) by making them more visible and digitally traceable.

How it works?

First, you must log in to the ACCS/ECS Portal and select the carpet for which you would like to request a Digital Product Passport (DPP). Once selected, click the **'Request Digital Product Passport'** button at the top of the page.

How it works?

Next, check the ECS Document Archive section. If the Health Product Declaration (HPD), Environmental Product Declaration (EPD), or Red List Declaration (RLD) reports are not listed, you will need to upload them.
Please ensure these 3 documents are added to the **ECS Document Archive,** if you want them to appear as a hot link on your DPP.

How it works?

Once the Carpet Institute of Australia has reviewed all your documents and enabled your DPP, your DPP QR code will appear on the ACCS online product page, or you can visit the Digital Product Passport (DPP) website: **https://accs.carpetinstitute.com.au/product-passport** to download your QR product identifier.
You can search by ACCS or ECS label number, or by product name. The system will display the carpet name, company, and label number. Click on the entry or press Enter to view the full details.

How it works?

The system will display detailed information about the product, including its performance, labels, documents, and compliance standards.

Digital Product Passport - #17127

Product Name
ANGELICA
By
BEAULIEU OF AUSTRALIA

Awarded Labels

ACCS Residential | ACCS Commercial | ECS Accreditation

Expiry: 01/07/2026

Click on each Certificate to download the PDF

Product Details

Carpet Type: Broadloom
Fiber Composition: NYLON BCF GROUP A (100%)
Backing Type: Other (Latex,EasyBac)
Total Pile Mass: 1222 g/m2
Stated Pile Height: 9 mm
Pile Type: 71% Cut 29% Loop

Supporting Documents

Each document can be downloaded by clicking the button below:

Health Product Declarations (HPD)
Environmental Product Declarations (EPD)
Red List Declaration (RLD)

Product Performance

ACCS Residential Grading: ★★★★★
ACCS Commercial Grading: ★★
ECS Environmental Classification: ECS Level 3

Stairs Suitability
Yes

Fire Propagation / Pill Test
Yes

Acoustic Benchmark
• Pass
(Benchmark: 3)

Thermal Benchmark
• Pass
(Benchmark: 30)

VOC Benchmark
• Pass
(Benchmark: 500)

TVOC Outcome:
26

More Information

The ACCS/ECS Digital Product Passport (DPP) represents a pioneering transparency tool for Australian carpet excellence. Seamlessly integrating the Australian Carpet Classification Scheme (ACCS) ratings—up to six stars for residential durability and four for commercial wear—this passport details performance across light to extra-heavy traffic, ensuring optimal appearance retention and longevity in offices, airports and high-use spaces.Complementing this, the Environmental Certification Scheme (ECS) evaluates sustainability, with up to Level 4+ denoting top-tier eco-performance: low VOC emissions, superior noise reduction, thermal efficiency, and responsible end-of-life recyclability. Access vital credentials via embedded links to Environmental Product Declarations (EPDs) for lifecycle impacts, Health Product Declarations (HPDs) for material safety, and Red List Declare labels confirming no harmful chemicals. Scan the integrated QR code for instant online access to this comprehensive data. As a global leader, this DPP underscores the Australian carpet industry's rigorous standards, empowering informed choices for sustainable, high-quality flooring that endures and protects our planet.

Learn more here

Standards and Compliance

ACCS Grading: Construction and Performance Tests:

• Surface Pile Mass: AS/NZS 2111.4-1996
• Pile Height/Thickness: AS/NZS 2111.5-1996
• Tuft Density: AS/NZS 2111.9-1996
• Dynamic Loading: AS/NZS 2111.2
• Static Loading: AS/NZS 2111.14
• Appearance Retention (Hexapod Tumbler Tester): TWC TM 247/251/284 (2009)
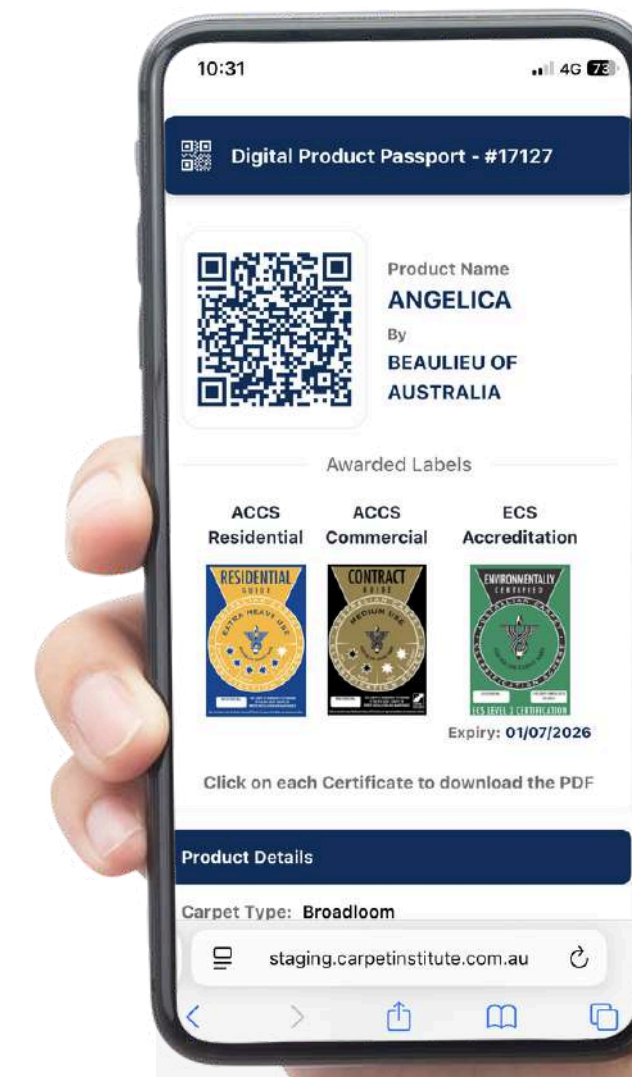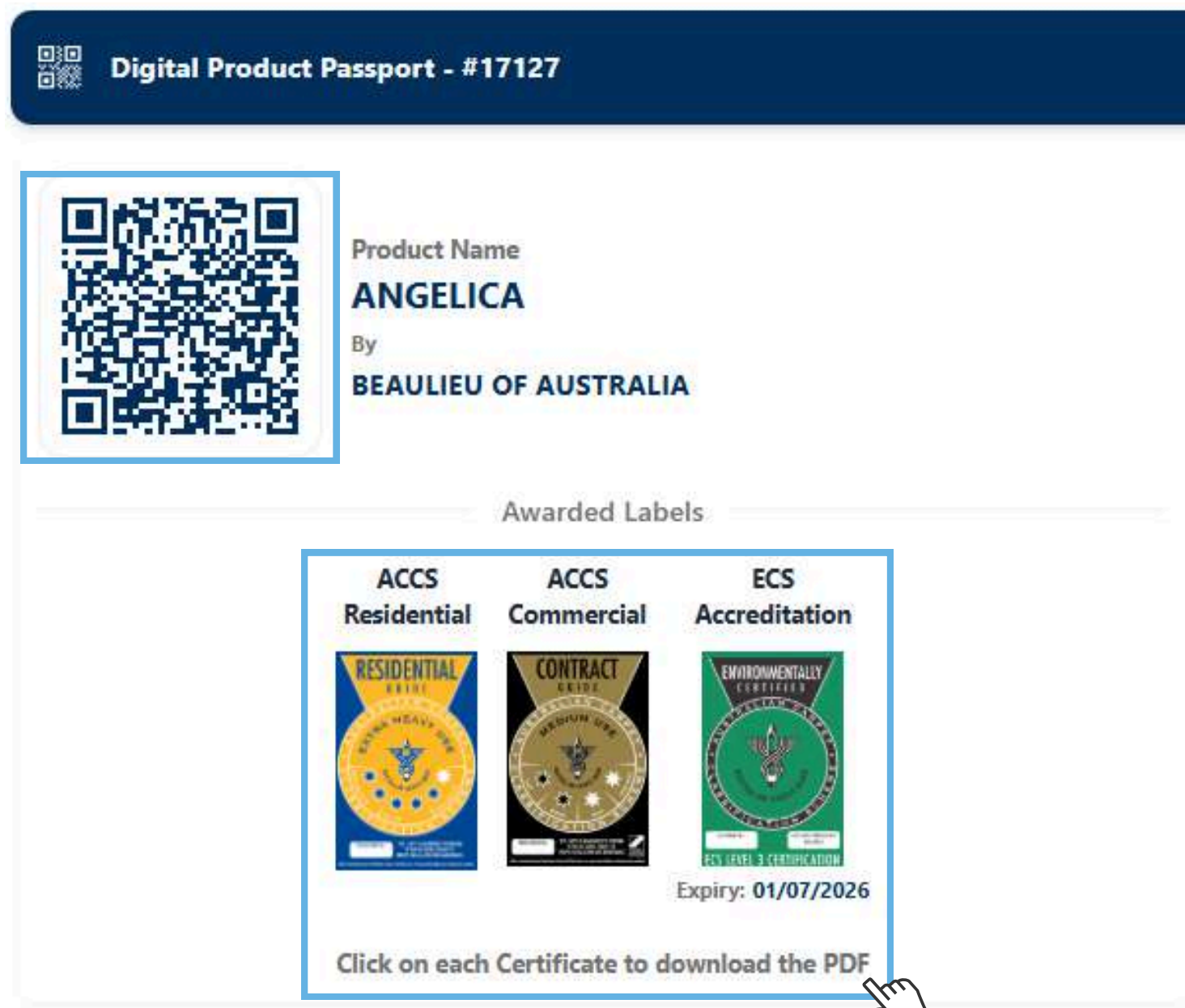• Burning Behaviour: AS/NZS 2111.18-1997

Minimum Criteria for ACCS Classification:

• Colourfastness to Water: AS 2001.4.EO1
• Colourfastness to Shampoo Solution: AS/NZS 2111.19.2
• Colourfastness to Rubbing: AS 2111.19.1
• Colourfastness to Light: BS1006-B02

How it works?

Each carpet has a unique QR code. By scanning the code, you can instantly access the product information on your phone or any device. You can also download the PDF versions of the ACCS and ECS certificates for easy reference.

How it works?

If the product has a Health Product Declaration (HPD), Environmental Product Declaration (EPD), or Red List Declaration (RLD), these documents will be displayed within the DPP details.

Product Details

Carpet Type: **Broadloom**

Fiber Composition: **NYLON BCF GROUP A (100%)**

Backing Type: **Other (Latex,EasyBac)**

Total Pile Mass: **1222 g/m2**

Stated Pile Height: **9 mm**

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Health Product Declarations (HPD)

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Red List Declaration (RLD)

Product Performance

ACCS Residential Grading: ★★★★★

ACCS Commercial Grading: ★★

ECS Environmental Classification: **ECS Level 3**

Stairs Suitability
Yes

Fire Propagation / Pill Test
Yes

Acoustic Benchmark
• Pass
(Benchmark: 3)

Thermal Benchmark
• Pass
(Benchmark: 30)

VOC Benchmark
• Pass
(Benchmark: 500)

TVOC Outcome:
26

How it works?

The DPP will also display the product's standards and compliance information, including construction details, ACCS grading performance tests, minimum criteria for ACCS certification, installation and maintenance guides, and all requirements for all the ECS levels.

More Information

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Standards and Compliance

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- Pile Height/Thickness: AS/NZS 2111.5-1996
- Tuft Density: AS/NZS 2111.9-1996
- Dynamic Loading: AS/NZS 2111.2
- Static Loading: AS/NZS 2111.14
- Appearance Retention (Hexapod Tumbler Tester): TWC TM 247/251/284 (2009)
- Burning Behaviour: AS/NZS 2111.18-1997

Minimum Criteria for ACCS Classification:

- Colourfastness to Water: AS 2001.4.EO1
- Colourfastness to Shampoo Solution: AS/NZS 2111.19.2
- Colourfastness to Rubbing: AS 2111.19.1
- Colourfastness to Light: BS1006-B02
- Slip Resistance (Dry Floor Friction): AS/NZS 4586
- Pilling & Fuzzing (Loop Pile and Cut/Loop Wool & Wool Blends): TWC TM 253
- Soiling Propensity: TWC TM 267
- Oil and Water Repellence: AATCC 22 (water repellence) and AATCC 118 (oil repellence)
- Thermal Insulation: ISO 8302:1991
- Acoustic Properties: AS/NZS 2107:2000, AS/NZS 1191, and ISO 717-2:2004
- Secondary Backing Delamination: AS/NZS 2111.16
- Extractable Matter: AS 2001.3.4-1995
- Tuft Anchorage: AS/NZS 2111.15
- Foam Delamination (Residential Only): AS/NZS 2111.16
- Foam Density (Residential Only): BCMA 1076
- Ageing Properties (Foam-Backed Carpet): Descriptive test.
- Insect Resist Treatments (Wool/Wool Blends): Woolmark Specification CP-4.

Installation and Maintenance Guidelines:

- Installation: AS 2455.1:2019 and AS 2455.2:2019
- Maintenance: AS/NZS 3733:2018

ECS Level 1: Indoor Air Quality (VOC Emissions)

- Volatile Organic Compounds (VOCs): ISO 10580:2010

ECS Level 1: Acoustic Performance

- Impact Sound Insulation: ISO 10140-3
- Noise Reduction Coefficient (NRC)/Reverberation Control: ISO 354 or ISO 10534-2
- Laboratory Conformance: ISO 10140-5

ECS Level 1: Thermal Insulation

- Thermal Resistance (R-Value): ISO 8302:1991

ECS Level 2: Raw Materials (Toxicity) and Restricted Substances

- Heavy Metals (e.g., Arsenic, Cadmium, Lead): National Environmental Protection Measures (NEPM)
- Monomer Residues
- Banned/Controlled Chemicals and Dyestuffs
- Dyestuffs (Azo Dyes, Carcinogenic/Mutagenic/Toxic, Sensitizing): EC Decision 1999/178/EC

ECS Level 3: Manufacturing Declaration and Improvement

- Environmental Management System: ISO 14001
- Manufacturing Improvement (Energy, Water, Waste, Carbon)
- Carbon Emissions Calculation: National Greenhouse Energy Reporting (NGER) framework

ECS Level 4+: Manufacturing Improvement (Energy, Water, Waste, Carbon)

- Carbon Emissions Calculation: National Greenhouse Energy Reporting (NGER) framework

ECS Level 4+: Product Specific Declarations

- Environmental Product Declaration (EPD): EN 15804
- Life Cycle Assessment (LCA): ISO 14040

Key Benefits of the DPP

- Strengthened leadership position in sustainability and innovation.
- Increased value for members, such as product visibility and a competitive edge.
- Alignment with future regulatory and international expectations.
- Potential for expanded services (reuse tracking, material flow insights, etc).

CARPET INSTITUTE OF
AUSTRALIA LIMITED

Thank
You