

Technical Specifications

Independently verified for South African conditions by Specialised Testing Laboratory (PVT-544-4088) with SANAS Certificate of Accreditation to meet rigorous international standards

PatchPal™ vs Industry Average

5x

More Durable

Industry Average: 17.5%
PatchPal™: 4.0%

Surface wear test (lower is better)

4x

Better Stability

Industry Standard: 12.5mm
PatchPal™: 3.04mm

Road deformation (lower is better)

95%

Weather Proof

Minimum Required: 75%
PatchPal™: 95%

Rain & moisture protection (higher is better)

Results from independent laboratory testing - SANAS accredited

Scroll down for the full downloadable Complete Technical Specification Pack

Cold Mix BC & Grading

Optimized asphalt mix composition and particle size distribution engineered for South African road conditions

Test Result:
Premium gradation exceeds SANS 3001-BT1 specifications

Performance Comparison:
Typical cold mix: Basic gradation | Standard products: Meet minimum specs | PatchPal: Exceeds premium specifications with optimized particle distribution for SA roads

Cantabro Abrasion Test

Measures surface durability and resistance to traffic wear. Lower values indicate superior performance.

Test Result:
4.0% mass loss

Performance Comparison:
Industry average: 15-20% | Minimum acceptable: <20% | PatchPal: 4.0% (5x better than average)

Hamburg Wheel Tracking Test

Evaluates rutting resistance under heavy traffic loads. Lower deformation indicates better long-term stability.

Test Result:
3.04 mm rutting after 20 000 wheel passes (AASHTO T324)

Performance Comparison:
Industry standard: <12.5mm pass | High performance: <10mm | PatchPal: 3.04mm (4x better than standard)

Modified Lottman Test

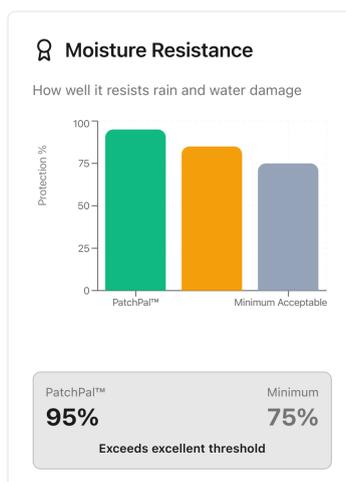
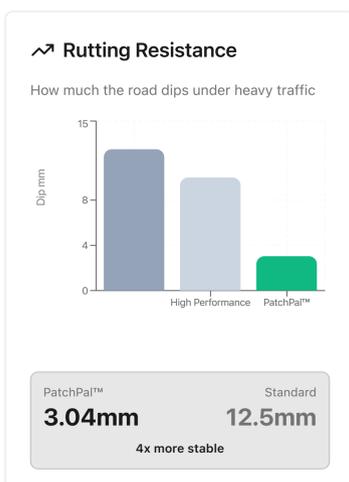
Tests moisture damage resistance critical for South African weather conditions. Higher TSR values indicate superior water resistance.

Test Result:
0.95 TSR (ASTM D4867)

Performance Comparison:
Minimum acceptable: 0.70-0.80 | Good performance: 0.85 | PatchPal: 0.95 (exceeds excellent threshold)

Performance Visualization

Visual comparison showing how PatchPal™ exceeds industry standards across all critical performance metrics



Independently Verified Excellence

All tests conducted by SANAS-accredited laboratories under South African road conditions. PatchPal™ consistently outperforms industry standards and competitive products across all critical metrics.

SANAS Accredited
PVT-544-4088

Test Standards
ASTM & AASHTO

Conditions
South African Roads

Why PatchPal™ Outperforms the Competition

5x

Better Durability

4.0% Cantabro mass loss vs 15-20% industry average. Exceptional resistance to surface wear and raveling.

4x

Superior Rutting Resistance

3.04mm deformation vs 12.5mm standard. Maintains structural integrity under heavy traffic loads.

95%

Moisture Resistance

0.95 TSR exceeds excellent threshold. Proven performance in South Africa's extreme weather conditions.

These laboratory results demonstrate PatchPal™'s exceptional performance compared to typical cold mix asphalt products. Independently verified by SANAS-accredited testing facilities under South African and Zimbabwean road conditions.

Complete Technical Specification Pack

Download the comprehensive distributor edition with all technical specifications, test results, and product details in one complete package.

[Download Complete Specification Pack](#)

Disclaimer: All performance figures are based on independent laboratory testing conducted under controlled conditions by SANAS-accredited facilities. Comparative figures represent typical values observed in conventional cold-mix asphalt materials. Actual field performance may vary depending on site conditions, installation quality, and traffic loads. PatchPal™ and its distributors are not liable for misuse or application outside recommended conditions.

- Residential estates & complex driveways
- Business parks & warehouses
- Farms, industrial yards & private access roads