



Unbalanced Performance is NO Performance

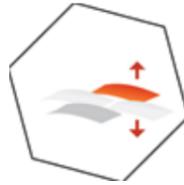
Coating products that lack any one performance element or emphasize one over another will result in failure.



1 Durability

StreetBond pavement coatings use an epoxy-modified formula that is specifically designed to meet traffic demands... even in **wet** conditions.

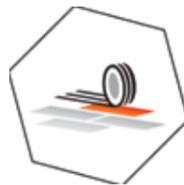
ASTM TEST	SPEC LIMIT	STREETBOND SP150E
Taper Abrasion D-4060	<1.5g/1000 cycles 1 day cure H10 wheel*	0.97g / 1000 cycles
Water Sensitivity D-570	Water absorption after 9 days: Max 10% Remaining Absorption >1hr recovery: Max 1%	8.3% 0.4%



2 Flexibility

Asphalt is flexible. Coatings therefore must have flexibility to move with it. StreetBond is specifically formulated to **flex with** asphalt across a wide temperature range.

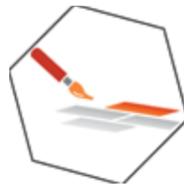
ASTM TEST	SPEC LIMIT	STREETBOND SP150E
Mandrel bend D522-93A	6.35mm 21°C 0.5mm thick 101.6mm -18°C 0.5mm thick	0.5mm thick sample passes



3 Friction

Slip and skid resistant aggregates give StreetBond coatings greater traction making coated surfaces **safer** for foot and vehicle traffic.

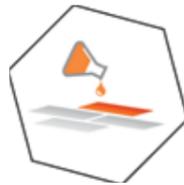
ASTM TEST	SPEC LIMIT	STREETBOND SP150E
British Pendulum Measurement E-303	Min. 40 British Pendulum Number	>60 >40 @ 2yrs (or higher than adjacent asphalt)



4 Color Stability

Advanced acrylic polymer technology and high quality pigments gives StreetBond coatings **long-lasting color** retention characteristics, especially against UV rays.

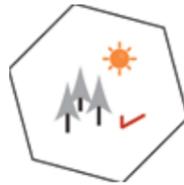
ASTM TEST	SPEC LIMIT	STREETBOND SP150E
QUV 2000 hrs G-155	ΔE < 1.5 for topcoat	Brick = 0.49 x



5 Chemical Resistance

StreetBond coatings are **not affected** by fuel, engine and de-icing agents that come into contact with road surfaces. StreetBond protects the asphalt from chemical damage.

ASTM TEST	SPEC LIMIT	STREETBOND SP150E
MEK Rub D5402-93 (1999)	0.3mm sample 1000 rubs 14 days cure No wear through	Meets spec limit x



6 Environmentally Responsible

StreetBond coatings are water-based and formulated to contain no solvents harsh to humans or the environment. Asphalt coated with StreetBond is fully recyclable.

ASTM TEST	SPEC LIMIT	STREETBOND SP150E
Volatile Organic Compounds EPA-24 D3960-05	Water-Based Acrylic EPA limit is 150 g/l	Water-Based Acrylic VOC <100 g/l

* Most coating tests involve the CS-10 wheel which is a very soft rubber wheel with embedded grinding material. Readings are so low that they do not provide any substantial difference between tested coatings. IPC applies tests with the more aggressive H-10 wheel.

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Decorative Concrete Enhancements Smarter Paving Solutions

Brick N Pave also cater for coating concrete substrates using our unique StreetBond colour technologies in order to service the community.





StreetBond V's Colour Concrete

StreetBond coatings are not just an asphalt coating. For many years, StreetBond has been coating concrete in decorative patterns & colours.

The benefit of StreetBond coatings compared to coloured concrete or concrete paint is;

- StreetBond will not delaminate like other epoxy or glass based surface treatments.
- StreetBond uses a liquid pigment, and is made up of acrylic cross linked polymers, rendering it highly UV Stable (ie, won't fade/oxidise under sunlight).
- Over time, StreetBond can be easily re-coated to 'freshen up' its appearance, or change the colour for a new look. Other surfacing products require expensive removal of the original application prior to re-coat.
- StreetBond is a self-sealing product, and does not require sealing, or, periodic re-sealing like other systems, saving time and money.

What is StreetBond™?

StreetBond™ coatings put the colour in all our StreetPrint™ projects. StreetBond™ can also be used in its own right to produce creative colourings on "plain" asphalt or concrete. StreetBond™ coatings are based on leading-edge polymer, cement and epoxy technologies designed to withstand a variety of weather and traffic conditions.

StreetBond™ produces a durable surface that retains its vibrant colour and can be used on all kinds of architectural hardscapes and traffic management applications. It is also ideal for applications such as bike lanes, shared zones and bus lanes creating highly visible "corridors" separating various roads users and enhancing safety.

"StreetBond™ coatings rejuvenate old plain or exposed concrete to bring it back to life."



Concrete Enhancement Services

Concrete Island Stencilling/Median

Standard concrete traffic islands. Coated with our unique coatings with any colour and any stencil pattern.

Stencils or Templates

Any custom stencil, or any custom template shapes on concrete substrates. Imagine it!

Concrete Safety Areas

High Visibility StreetBond™ coatings with enhanced skid resistance, creates awareness and reduces accidents for pedestrians on high slip/trip areas like steps, ramps, stair treads, footpaths.

Custom Projects

Using our unique StreetBond™ coatings, you can create almost anything, so let your imagination run wild. Simple or complex; big or small. Change a boring space into a decorative masterpiece. Shopping Centres, Play Grounds, Footpaths, Walkways & Streetscapes.

"StreetBond™ coatings meet Australian Standards for Fire Retardant and Non-slip tests."

