

Bonded Wearing Course

Combining the strength of Hot Mix Asphalt with the flexibility of thin maintenance treatments, Bonded Wearing Course provides a durable, drainable wearing surface for existing flexible or rigid pavements.

A high-performance wearing surface for newly constructed roads or pavement preservation.

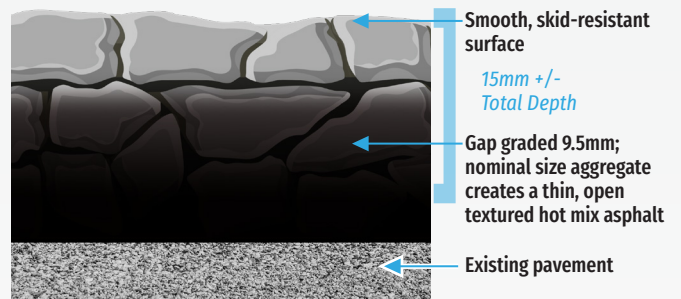
FEATURES & BENEFITS

- Lowers life-cycle cost by creating a durable crack-resistant surface
- Superior bond with PMA emulsion that seals out water and resists raveling and delamination
- Open macro-texture provides excellent skid resistance, drainage and reduces tire backspray and noise
- Surface can be quickly opened to traffic

FOR MORE INFORMATION AND A
FREE ON-SITE CONSULTATION:

1-800-370-9912

The polymer-modified asphalt emulsion adheres to the existing pavement and “wicks” up and around the HMA aggregate.



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A specialized spray paver incorporates a storage tank and distribution system allowing the emulsion to be placed immediately before the hot mix.

Reduce costs, material, milling, user delays and preparation.

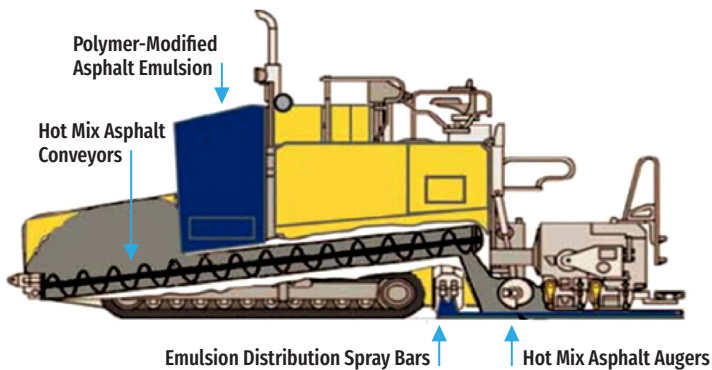
A single-pass road building process, Bonded Wearing Course (BWC) consists of a heavy application of polymer-modified asphalt emulsion membrane followed by an ultra-thin hot mix asphalt, placed by a single machine.

The unique BWC system allows the polymer membrane to migrate into the mix during construction, resulting in a thick asphalt film at the interface with the old pavement for superior bond.

The mix is rolled with steel drum rollers to seat the material into the emulsion, providing a smooth driving surface. Using gap graded mix ensures excellent stone-on-stone content and ample voids to prevent the mix from bleeding or flushing.

Typical thickness range from 12mm–25mm, depending on existing conditions, traffic demand and type of road.

Bonded Wearing Course is applicable to all traffic levels and can be used on residential streets, urban arterials and 400-series highways.



AVAILABLE ACROSS ONTARIO

Contact us to find out if this service is available near you.

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