

Product Guide Legend Table

Symbol	Description
	Recycled Asphalt Pavement Usage Some DGA, BTB and WarmPave asphalt mixes can contain used asphalt reclaimed from old pavement.
	Rut Resistance Rut Resistant compared to unmodified dense graded asphalt. Portmix specification is < 2.5 mm final rut depth @ 60,000 passes & 65°C compared to a typical value of 9 mm @ 10,000 passes & 60°C for unmodified asphalt. SMA has a stone-on-stone skeleton to improve rut resistance.
	Low Temperature WarmPave can be manufactured and placed at temperatures up to 30°C lower than hot mix asphalt. PPR, Bitupack and Gromulch are placed at ambient temperature. Emulsions spray seals are typically applied at 80°C compared to 180°C for hot spray seals.
	Water Inhibiting Membrane Novachip has a tack coat applied in a single spray-and-pave process, unlike standard asphalt. Spray seals, GATT and Surface Coat include sprayed bituminous films that inhibit moisture penetration. Bitupack fills potholes preventing further water damage.
	Tyre Water Suppression Removes water from the road surface more quickly than standard dense graded asphalt, therefore reducing tyre spray.
	Resists Damage From Fuel Spills Boral Laboratory tests show that this product loses less mass than standard mixes after prolonged soaking in fuel.
	Extended Travel Extended travel is achieved with WarmPave by heating it to the same temperature as hot mix and having a longer time to cool to WarmPave application temperatures.
	Skid Resistance Skid resistance is provided by the positive texture in spray seals, while long term skid resistance is assisted by the negative texture in Durapave, Novachip, Open Graded Asphalt and Stone Mastic Asphalt.
	Stiffness The product can be designed with specially selected modified binders to achieve modulus values greater than the modulus of traditional dense graded asphalt. DGA itself can have a wide range of stiffness depending on the choice of aggregate & binder used.
	Road Dust Suppression Suppression of road dust by sealing the surface of the granular pavement.
	Service Life Durapave has an excellent fatigue life compared to standard asphalt. Portmix has excellent rut performance proven in laboratory testing. SMA has exemplary fatigue life compared to standard asphalt. BTB has a longer design life compared to modified granular bases. WarmPave binder is less aged and expected to return longer asphalt life. PPR is a modified cold mix with excellent service performance and shelf life. Crumbed rubber spray seals have excellent crack inhibition and stone retention characteristics.
	Colour Choice Surface Coat is available in a range of colours for architectural or aesthetic value.
	Road Tyre Noise Suppression Durapave, LoNoise, Novachip, OGA and SMA are surfacings chosen to attenuate noise more than DGA or spray seals.

The attributes above are typical properties of these products and may not be suitable in all applications. Boral recommends you seek advice on the needs of a particular project.
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