



INNOVO™

SUSTAINABLE PAVEMENT SOLUTIONS

Boral Australia is committed to delivering innovative, high-performing and sustainable products and solutions that respond to a changing world and better meet our customers' needs.

INNOVO™ is Boral Australia's new system offering customers an asphalt containing alternative materials of their choice that can contribute to meeting their sustainability requirements. These materials are gaining a new life through incorporating them into our asphalt manufacturing and paving operations.

**ENVIRONMENTAL
SUSTAINABILITY**

**CHOICE OF
RECYCLABLES**

**UPCYCLED ASPHALT
PRODUCTS**



RECYCLED ASPHALT PAVEMENT (RAP)

RAP is recycled asphalt from existing highways and freeways. Asphalt is 100 per cent recyclable and the most reused construction material in the world. Reuse of asphalt can reduce the demand for imported bitumen and replaces new high-quality aggregate raw materials that can then be used for other projects.

CRUMB RUBBER

Crumb rubber is a by-product of used tyres that have been shredded, ground or cryogenically processed. When blended with bitumen, the material behaves like an elastic polymer suitable for spray seal and asphalt solutions. Crumb rubber provides exceptional performance in inhibiting environmental cracking with many clients using it on roads on expansive clay soils.

RECYCLED GLASS

Recycled crushed glass can be used to replace sand in the manufacturing process of asphalt. With a similar particle density, using crushed glass to replace some of the natural sand in asphalt reduces the need for this raw material, which can then be used in other projects. Glass can also increase luminescence and reflectivity of the asphalt surface.

RECYCLED PLASTICS

Plastics can be a substitute for the fine aggregates or in addition to the binder used in asphalt production. They can also improve asphalt performance properties when included as part of an INNOVO design.

STEEL SLAG

Adding slag to asphalt can improve the skid resistance of the asphalt. The by-product of iron ore processing can provide increased resistance to abrasion and polishing of the asphalt surface and can be used where high levels of surface friction are required.

TONER

The toner from used printer toner cartridges can be added to asphalt. This can provide a stiffer binder and help with the oxidation of the bitumen through the addition of carbon black.

Toner is often combined with soft plastic to make a composite additive for asphalt.

www.boral.com.au/innovo

CONTACT US

Visit www.boral.com.au/asphalt for more information about Boral's range of asphalt products. For orders and enquiries please call our office:

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