

Duralayer Multi®

Technical data sheet

Duralayer Multi® is a dense material design for single layer applications. It is suited to a variety of asphalt surfacing applications where a low textured and deformation resistant one layer treatment is required.

Duralayer Multi was designed following a request from a local authority for a cost-effective, single layer solution. It utilises locally sourced aggregates and is suitable for a variety of applications including major roads, rural roads, housing estates, car parks, caravan parks and trench reinstatements.

The product's unique design creates a low surface texture and controlled low air voids. This resists water ingress, providing a more durable surfacing solution. Duralayer Multi doesn't segregate like traditional materials, making it also ideal for handlay applications.

Duralayer Multi is available in 20mm, 14mm, 10mm and 6mm nominal sizes and is laid using conventional paving equipment in line with BS 594987.

Duralayer Multi+

Utilises the same unique design as Duralayer Multi and provides enhanced fuel resistance and stiffness.

Benefits

- Single layer installation
- Less disruption through quicker installation
- Increased durability through low voids content
- Low design void content assists compliance with SROH requirements
- Prevents water ingress
- Resistance to deformation
- Sustainable product
- Duralayer Multi+ has fuel resisting properties
- 100% recyclable

**Also available in the following options:
era®/CleanAir®/CarbonLock®/RAP**

Use this product for

- All classifications of roads
- Housing estates
- Car and caravan parks
- Footpaths
- Trenches

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Typical performance figures

*Typical value for surface texture.

Material property	Test specification	Typical result
Design void content	BS EN 12697-6	$\leq V_{max} 5.0\%$
Water sensitivity	BS EN 12697-12 Method A (ITSR) BS EN 12697-23	$\geq 80\%$
RTPD (wheel tracking)	BS EN 12697-22 Procedure B WTS in Air	$\leq 1.0\text{mm}/10^5$ (40/60)

Layer thickness

Details of constituent quality and layer thickness shown below:

- 6mm nominal size 30 – 60mm
- 10mm nominal size 40 – 80mm
- 14mm nominal size 50 – 100mm
- 20mm nominal size 60 – 150mm

Please see asphalt product matrix for further information or contact technical:

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**PREVENTS
WATER INGRESS**



**FATIGUE
RESISTANT**



**WHEEL RUTTING
RESISTANCE**



**REDUCED
CO₂**



**ENHANCED
RIDE QUALITY**



**INCLUDES
RECYCLED CONTENT**