

Tufflex® HD/HD+

Technical data sheet

Tufflex® HD/HD+ is a unique asphalt surfacing solution designed for very heavy, slow moving traffic. It contains a polymer modified bitumen (PMB) with an exceptionally high softening point.

PMB is at the heart of a unique solution that offers good protection against damage caused by heavy, slow moving traffic. The product also contains fuel resisting properties.

Tufflex HD/HD+ is available in 6mm, 10mm, 14mm and 20mm nominal sizes and can be laid between 30mm and 150mm thick using a traditional asphalt paver with a 6-10 tonne roller in combination with conventional paving equipment in line with BS 594987. As a single layer application Tufflex HD/HD+ can halve the installation time of traditional material.

Please note: Minimum 7 days' notice required to stock specialist binder.

Benefits

The main advantages of Tufflex HD are:

- Cost-effective over the whole life
- Very high deformation resistance
- Low air void which prevents water ingress
- Fuel resisting properties
- Good workability
- Has a resistance to elevated temperatures from chemical attacks from leachates

- Good load spreading ability from very heavy, slow moving traffic at higher temperatures to prevent wheel track deformation
- Increased stiffness
- 100% recyclable

The main advantages of Tufflex HD+ are:

- Increased stiffness over Tufflex HD
- Enhanced fuel resisting properties

Available with the following options:
era®/CleanAir®/AgeLast®/RecyclePlast®/RAP

Use this product for

- EME2 alternative
- Carriageways
- Farm floors/composting areas
- Industrial areas
- Lorry parks and bus stations

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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

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Material property	Test specification	Typical result
Design void content	BS EN 12697-6	≤ Vmax 5.0%
Water sensitivity	BS EN 12697-12 Method B (i/C) BS EN 12697-23	≥ 80%
Binder drainage	BS EN 12697-18 Beaker Method	< 0.3%
Indirect tensile stiffness modulus	BS EN 12697-26 Annex C	> 5,500 MPa
RTPD (wheel tracking)	BS EN 12697-22 Procedure B WTS in Air	≤ 0.8mm/10 ³
Fatigue	BS DD ABF	≥ 100,000 cycles to failure @ 100µstrain

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

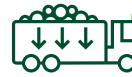
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RESISTANCE TO DEFORMATION



FUEL RESISTING PROPERTIES



ENHANCED DURABILITY



INCREASED STIFFNESS



REDUCED CO₂



INCLUDES RECYCLED CONTENT



ENHANCED RIDE QUALITY