

# Tufflex<sup>®</sup> D

## Technical data sheet

**Developed in line with Transport for Scotland methodology, this low void, high bitumen content stone mastic asphalt (SMA), is ideal for sites where safety and reduced noise are paramount. Tufflex<sup>®</sup> D is a more durable product which provides whole life cost savings.**

Compared to traditional asphalt surfacing, Tufflex D offers texture, high deformation resistance and a very low air void content. The solution also delivers National Highways' highest level of wheel rut resistance, level three. Tufflex D's design uses specialised binders and incorporates best-in-class polymer technology. With its optimum surface texture of approximately 1.1mm and designed low voids, it effectively protects the surface it covers from water ingress.

Available in 6mm, 10mm and 14mm nominal sizes, Tufflex D can be laid between 25mm and 50mm thick using conventional asphalt pavers with a 6-10 tonne roller. Installation should be strictly in accordance with BS 594987. Special attention should be given to placement and formation of joints. To enhance early life skid resistance, it is advisable to apply 1-4mm grit or coated grit on the first pass of the roller with a dedicated attached grit box.

### Benefits

- A best-in-class flexible polymer modified bitumen (PMB)
- Suitable for any class of road network
- Cost-effective over the whole life
- Quick installation
- Prevents water ingress
- Highly sustainable and durable
- Offers improved performance over conventional asphalt
- 100% recyclable

### Use this product for

- Trunk roads
- Urban roads
- Local authority network

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### Tufflex D technical data

Material property	Test specification	Typical result
Design void content	BS EN 12697-6	Vmin 1.0% – Vmax 5.0%
Binder drainage	BS EN 12697-18 Beaker Method	< 0.3%
Water sensitivity	BS EN 12697-12 Method A (ITSR) BS EN 12697-23	≥ 80%
RTPD (wheel tracking)	BS EN 12697-22 Procedure B WTS in Air	≤ 0.6mm/10 <sup>3</sup>

### Available with the following options:

**era®/CleanAir®/CarbonLock®/AgeLast®/RecyclePlast®/RAP**

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

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**RESISTANCE TO DEFORMATION**



**FLEXIBLE**



**CRACK RESISTANT**



**PREVENTS WATER INGRESS**



**ENHANCED DURABILITY**



**INCREASED STIFFNESS**



**REDUCED CO<sub>2</sub>**



**ENHANCED RIDE QUALITY**



**INCLUDES RECYCLED CONTENT**