

Tufflex® TX

Technical data sheet

Tufflex® TX is a highly flexible, deformation resistant surface course treatment for high-speed roads.

Tufflex TX delivers National Highways highest rating for wheel track deformation – level 3. Tufflex TX uses high quality, high polished stone value (PSV) aggregates and our specially developed polymer modified bitumen (PMB).

Tufflex TX is tough on noise, skid resistance and wet weather spray with a texture that is retained throughout its service life. Tufflex TX is also tough enough to stand up to heavy traffic yet provide an ultra-smooth ride.

Tufflex TX can be laid by any competent contractor in line with BS EN 594987. It is available in 10mm and 14mm nominal sizes and can be laid between 30mm and 80mm thick.

Tufflex TX can also be produced using Heidelberg Materials' era 140 warm mix asphalt process, meeting the requirements of current National Highways major network specifications.

Benefits

- Deformation resistance - level 3
- Enhanced ride quality
- Reduced noise
- Excellent spray reduction
- Reduced CO₂ when supplied as era 140
- 100% recyclable

Available with the following options:

era®/CleanAir®/CarbonLock®/AgeLast®/RAP

Use this product for

- Residential roads
- Local authority networks
- Roundabouts



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Material property	Test specification	Typical result
Nominal sizes		14mm; 10mm
Binder		High performance polymer modified bitumen (PMB)
Layer thickness (recommended)		35mm - 80mm
Surface texture (sand patch, immediately after laying)		0.8 - 1.8mm
Design void content	BS EN 12697-6	V _{min} 1.0% - V _{max} 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%
Indirect tensile stiffness modulus	BS EN 12697-26 Annex C	> 1,800 MPa
RTPD (wheel tracking)	BS EN 12697-22 Procedure B WTS in Air	≤ 0.8mm/10 ⁵

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

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**SKID
RESISTANCE**



**RESISTANCE TO
DEFORMATION**



**ENHANCED
RIDE QUALITY**



**NOISE
REDUCTION**



**SPRAY
REDUCTION**



**REDUCED
CO₂**



**INCLUDES
RECYCLED CONTENT**