

SteelPave



SteelPave is a high-performance asphalt surfacing, designed to meet modern traffic conditions. It is a Stone Mastic Asphalt product which is HAPAS approved.

SteelPave is based on a European design and was first successfully used in the South Yorkshire area by SteelPhalt in 1995. It has been routinely tested to prove its on-site performance, providing detailed evidence of the benefits of using SteelPave.

SteelPave Properties

- 1. Rut resistant**
- 2. Skid resistant**
- 3. Spray reducing**
- 4. Noise reducing**



SteelPhalt

HARSCO

High Performance Stone Mastic Asphalt products

Skid Resistance

The unique shape and texture of SteelPave provides high skid resistance, present from day one and maintained throughout its designed service life, in contrast to roads laid with traditional limestone aggregates which lose their skid resistance over time.



Rut Resistance

High speed roads with extreme levels of channelized traffic are prone to rutting. Rutting is extremely dangerous in wet conditions as surface water flows down the rut rather than off the road, increasing the risk of aquaplaning. SteelPave is designed to be highly rut resistant, therefore making high speeds roads safer in wet conditions, and reducing the need for costly maintenance.



Noise Reducing

As traffic levels rise, Local Authorities are increasingly confronted with public complaints about the intrusion of unwanted road noise. SteelPave has been used successfully in sensitive areas to reduce road noise levels.



The following SteelPave products have already received approval by the UK Highway Authority Product Approval Scheme (HAPAS):

- **SteelPave 14**
- **SteelPave 10**

	Nominal Size (mm)	Nominal Layer Thickness (mm)	Constituents	Wheeltracking Rate 45°C (mm/hr)	Mean Texture Depth (mm)
SteelPave	14	35	<ul style="list-style-type: none"> ● Steel Slag Aggregate ● 50 Pen Bitumen ● Cellulose Fibres 	1.5	2
	10	25		0.8	1.3
	6	18		0.9	0.9
SteelPave Duragrip	10	25	<ul style="list-style-type: none"> ● Steel Slag Aggregate ● Polymer-Modified Bitumen 	0.9	+1.5
SteelPave Ultragrip	10	20	<ul style="list-style-type: none"> ● Steel Slag Aggregate ● Polymer-Modified Bitumen ● Quick Break Tanker-Applied Emulsion Bond Coat 	0.9	+1.5