



SteelFlow™

A durable, high-performance alternative to asphalt.

LESS IS MORE!

SteelFlow is a long-lasting asphalt alternative made with 95% recycled materials. As budgets come under increasing pressure, SteelFlow is welcomed by councils and local authorities that strive to meet the challenge of maintaining safe and serviceable roads within the constraints of tighter budgets.

- Lay at only 15mm depth
- Faster installation times
- Easy to work with
- Noise reducing

SteelPhalt™

Goes the extra mile

With the durability, strength and skid-resistance associated with SteelPhalt products made from steel slag aggregate, SteelFlow also uses modified bitumen which gives the material greater flexibility and elasticity. SteelFlow is more economical than standard asphalt of 30mm or 40mm since it only needs to be laid at a depth of 15mm, resulting in faster installation times, reduced labor and greater surfacing areas for the same volume of product.

Proven performance

SteelFlow shows excellent skid resistance figures above the investigation level in SteelPhalt's grip testing program, especially through the summer months.

Like many of SteelPhalt's other products, SteelFlow contains a high percentage of recycled materials at 95%. This gives SteelFlow added appeal to suppliers who wish to meet sustainability criteria.

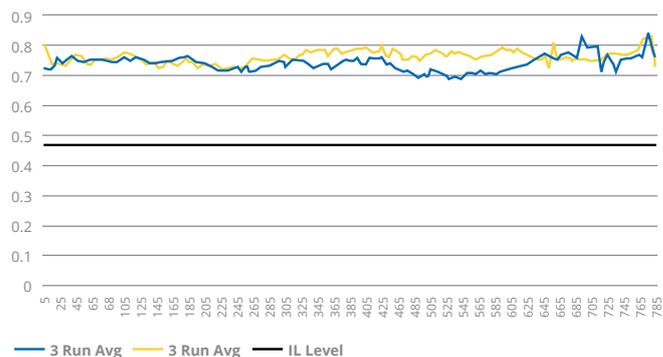
Performance statistics

In a recent case study, our client was looking to cover a section of highway spanning 785 meters. The plan was to use a traditional 14mm dense surface course laid at a depth of 40mm.

We recommended that they consider using SteelFlow as an alternative solution to be laid at 15mm thick.

By using the SteelFlow material, 59% less asphalt would be required to surface the job saving 46% on material costs.

Bents Road Data



Product usage

SteelFlow is easy to transport and fast and simple to lay, significantly reducing downtime for any project.

Typical applications include single carriageways, approaches to major and minor junctions (dual and single carriageways), bends (on all types of roads) including motorway link roads and other hazards that require combined braking and cornering.

SteelFlow		Minimum psv required given IL, level and type of site Traffic (cv/lane) at design life									
Site Category	IL	0-250	251-500	501-750	751-1000	1001-2000	2001-3000	3001-4000	4001-5000	5001-6000	Over 6000
C	0.35	50	50	50	55	55	60	60	65	65	65
	0.40	55	60	60	65	65	68+	68+	68+	68+	68+
	0.45	60	60	65	65	68+	68+	68+	68+	68+	68+
Q	0.45	60	65	65	68+	68+	68+	68+	68+	68+	HFS
	0.50	65	65	65	68+	68+	68+	HFS	HFS	HFS	HFS
	0.55	68+	68+	HFS	HFS	HFS	HFS	HFS	HFS	HFS	HFS
S1 / S2	0.45	50	55	tio	tio	tio	tio	tio	tio	HFS	HFS
	0.50	68+	68+	HFS	HFS	HFS	HFS	HFS	HFS	HFS	HFS
	0.55	HFS	HFS	HFS	HFS	HFS	HFS	HFS	HFS	HFS	HFS

Note: PSV values highlighted in yellow are values where SteelFlow material can be applied

SteelPhalt, Sheffield Road, The Ickles, Rotherham, South Yorkshire S60 1DR
 T +44 (0) 1709 300500 E info@steelphalt.com

Sales: sales@steelphalt.com Technical Support: tech@steelphalt.com

SteelPhalt™