



SteelSurf ™

Industrial asphalt solution for heavy applications.

BUILT FOR HEAVY VEHICLE TRANSPORTATION

SteelSurf is designed to resist deformation caused by heavy loading of specialized vehicles used in steel ladle transport.

- Rut resistant
- Skid resistant
- Durable under extreme stress
- Heavy-duty & long-lasting

SteelPhalt™

Built for heavy vehicle transportation

SteelSurf is made to maintain surface stability under the slow-moving scrubbing action of heavy vehicle tires. It is used in heavy industries such as coal, electricity, ports and sugar manufacturing. The durable asphalt is used by local authorities in locations like road intersections and industrial estates.

Proven performance

Manufactured from steel slag aggregate, SteelSurf excels in heavy-duty applications, withstanding road surface wear in extreme load conditions. It has achieved excellent results in a range of demanding applications.

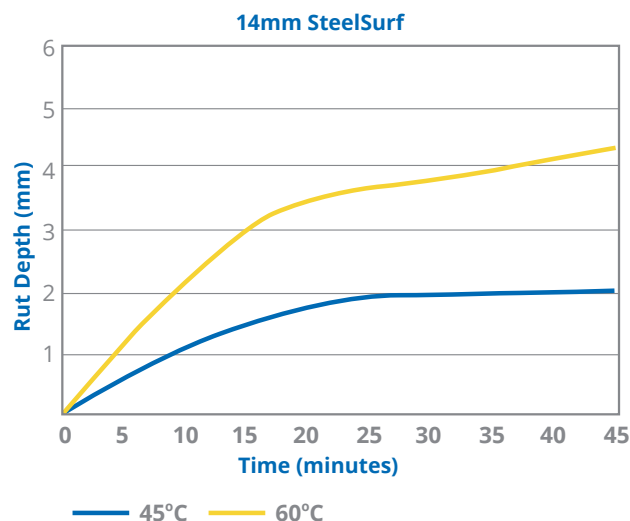
Green and clean!

Like many other products within the SteelPhalt 'stable', SteelFlow constitutes a very high percentage of recycled materials, 95% in this case – giving it added appeal to suppliers who wish to meet green criteria.

Standard 14mm SteelSurf achieves the following values when tested on a 50mm laboratory prepared slab

45°C		60°C	
Rate of Rutting (mm/hr)	Rut Depth (mm)	Rate of Rutting (mm/hr)	Rut Depth (mm)
0.48	2.1	2.55	4.8

A full range of current values for all the SteelSurf products are available upon request.



Performance statistics

South Yorkshire County Council was the first local authority to adopt SteelSurf, and other surrounding highway authorities have followed by using SteelSurf in road intersections and industrial estates.

Product usage

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

Typical applications include warehouse floors, steel mills, ports, wharfs, mines, yards and distribution depots. The product can also be used in typical road applications including urban highways.

SteelSurf		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+
R	0.45	50	55	60	60	65	65	68+	68+	HFS	HFS
	0.55	68+	68+	68+	HFS	HFS	HFS	HFS	HFS	HFS	HFS

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

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SteelPhalt™