



# SteelStop!™

## Exceptional skid resistance and proven road safety for high risk area.

### HIGH FRICTION SURFACING FOR SKID PRONE AREAS

SteelStop high friction surfacing has been developed to help put the brakes on traffic in busy or skid prone areas, providing extra grip for road users and safety benefits for pedestrians.

- Proven skid resistance
- 100% recycled material
- Durable & cost-effective
- Reduces downtime

**SteelPhalt™**

## Typical applications

SteelStop Road Surfacing provides exceptional skid resistance and proven road safety advantages for high-risk areas such as traffic lights, pedestrian crossings, intersections, roundabouts and traffic black spots like winding roads and hazardous bends.

## Proven performance

SteelStop has been tested to meet the stringent skid resistance values required for high friction surfacing.

Laboratory trials at the University of Ulster and installations in the South Yorkshire area have shown that SteelStop satisfies the minimum Skid Resistance Value (SRV) of 70 in test conditions.

Specimens have been subjected to a total of 100,000 wheel passes as required by the BBA, equivalent to traffic wear during 5 to 10 years in service life.

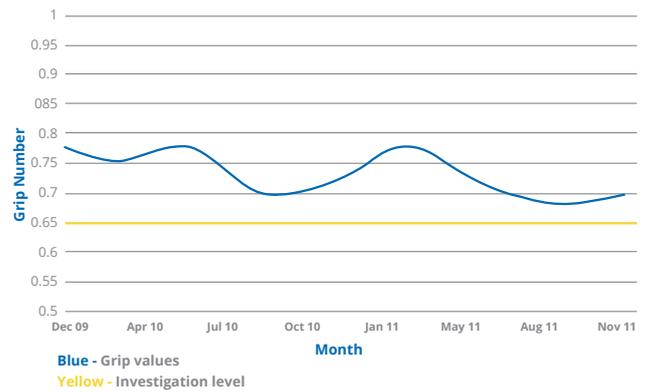
In each case, SteelStop met the requirements for Type 1, 2 and 3 applications, proving its credentials as a durable and effective product.

## Performance statistics

SteelStop has excellent environmental credentials and the advantages of renewable source material.

With a growing market for High Friction Surfacing (HFS) materials, SteelStop scores above products using imported calcined bauxite. It uses locally available recycled steel slag material, minimizing its carbon footprint.

## South Yorkshire Performance Statistics



## Economic & environmental benefits

SteelStop has attracted interest from local and regional councils due to the powerful combination of economic and environmental benefits. SteelStop also has international use potential due to its ease of transportation and application.

## Product usage

Supplied in dry form, SteelStop is easy to transport and fast and simple to lay, significantly reducing downtime for any project.

Typical applications include approaches to traffic lights, pedestrian crossings and school zones, intersections and roundabouts, winding rural roads and hazardous bends.

SteelStop!		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+

Note: PSV values highlighted in yellow are values where SteelSurf 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™**