

Technical Data Sheet: Thermoplastic Road Marking

FINELINE REFLECTIVE SPRAY

General

Description	Hot applied thermoplastic road marking material	
Colour	White	
Reflection	Reflective	
Form	Flat road marking	
Uses	General purpose applications such as centre and edge lines.	
Application methods	Spray:	Machine
Application temperatures	Spray:	195-215°C
Safe heating temperature	Maximum:	230°C

Technical Data

BS EN 1871 ROAD MARKING MATERIALS – PHYSICAL PROPERTIES		
Chromaticity co-ordinates	White colour box	
Luminance factor	$\beta \geq 80$	Class LF6
Softening point (°C)	SP ≥ 80	Class SP2
BS EN 1436 ROAD MARKING MATERIALS – ROAD MARKING PERFORMANCE FOR ROAD USERS		
Coefficient of retroreflected luminance (mcd/m²/lx) – Initial	R _L Dry ≥ 200	Class R4
Coefficient of retroreflected luminance (mcd/m²/lx) – After two years	R _L Dry ≥ 100	Class R2
Skid resistance	SRT ≥ 45	Class S1

Supporting Information

Thermoplastic material consumption	Approx. 4kg/m ²
Drop-on material – glass beads, antiskid aggregates and mixtures of the two	Echostar 10 TRM SRT or similar
Drop-on material consumption	Approx. 500g/m ²
Minimum ambient temperature	Recommended for application +5°C
Substrate preparation	Clean, dry, and free from any contamination
Packaging	1 tonne pallet consisting of 50 number 20kg melt bags stacked and shrink wrapped
Storage	Preferably under cover in a clean, dry, and cool environment. Note that part used pallets must be kept dry.
Shelf-life	12 months in dry and cool conditions. Note that the shelf-life will be reduced if stored outside of these conditions.
Health & Safety	A Safety Data Sheet (SDS) is available on request. This product is for application only by fully trained personnel. This product will cause severe thermal burns and must only be used in line with a full risk assessment to identify the control measures and personal protective equipment (PPE) such as suitable protective and reflective clothing, thermal gloves, and eye protection.