

# Technical Data Sheet: Thermoplastic Road Marking

## FINELINE 150/13

### General

<b>Description</b>	Hot applied thermoplastic road marking material	
<b>Colour</b>	White	
<b>Reflection</b>	Reflective	
<b>Form</b>	Flat road marking	
<b>Uses</b>	Applications where enhanced reflection and skid resistance are required.	
<b>Application methods</b>	Extrusion:	Machine
<b>Application temperatures</b>	Extrusion:	180-210°C
<b>Safe heating temperature</b>	Maximum:	230°C

### Technical Data

<b>BS EN 1871 ROAD MARKING MATERIALS – PHYSICAL PROPERTIES</b>		
<b>Chromaticity co-ordinates</b>	White colour box	
<b>Luminance factor</b>	$\beta \geq 80$	Class LF6
<b>Softening point (°C)</b>	SP $\geq 80$	Class SP2
<b>BS EN 1436 ROAD MARKING MATERIALS – ROAD MARKING PERFORMANCE FOR ROAD USERS</b>		
<b>Compliance</b>	0497/0001	
<b>Wheel over class</b>	P6	2 million
<b>Luminance coefficient under diffuse illumination (mcd/m<sup>2</sup>/lx)</b>	Qd $\geq 160$	Class Q4
<b>Coefficient of retroreflected luminance (mcd/m<sup>2</sup>/lx)</b>	R <sub>L</sub> Dry $\geq 100$	Class R2
<b>Skid resistance</b>	SRT $\geq 50$	Class S2

## Technical Data (cont.)

BS EN 1436 ROAD MARKING MATERIALS – ROAD MARKING PERFORMANCE FOR ROAD USERS		
Compliance	0497/0001	
Wheel over class	P5	1 million
Luminance coefficient under diffuse illumination (mcd/m <sup>2</sup> /lx)	Qd ≥ 160	Class Q4
Coefficient of retroreflected luminance (mcd/m <sup>2</sup> /lx)	R <sub>L</sub> Dry ≥ 150	Class R3
Skid resistance	SRT ≥ 50	Class S2

## Supporting Information

Thermoplastic material consumption	Approx. 6.8kg/m <sup>2</sup>
Drop-on material – glass beads, antiskid aggregates and mixtures of the two	Echostar 5 TRM (710-125) + SRT (Sili12 1000-150) (75/25)
Drop-on material consumption	Approx. 300g/m <sup>2</sup>
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.