

**Product name:** ViaTherm® GRC30-50S  
**Colour:** White  
**Article no:** 710306  
**Binder type:** Hybrid - 50

### Intended usage

Thermoplastic road marking material for all kinds of asphalt traffic areas such as roads and motorways, on which a **high retroreflectivity** is demanded. Recommended for Type I markings. Specifically developed for spray-application.

### System recommendation

The material is recommended for Type I road markings  
 Drop on material: 3D-AC07:M72 1:3

### Material consumption

With machine: 4 kg/m<sup>2</sup>, depending on the surface texture depth and thickness of the applied material  
 Recommended thickness: 2 mm  
 Drop-on material: 300-350 g/m<sup>2</sup>

### Application and equipment recommendations

Application by spray-machine.  
 Recommended application temperature: 190-210°C  
 For further information, please refer to the ViaTherm® Application Instructions

### Set-up time / Hardening time

10 minutes at a surface temperature of 20°C and a light breeze

### Packaging

- In plastic air bags of 20 kg which are included as part of the binder. Shrink on Euro pallets with 1080 kg (54 bags)

### Storage, handling and safety

The granulate may be stored for 1 year. Keep dry and protect from direct sunlight  
 Safety: Please refer to the ViaTherm® "Material Safety Data Sheet" for binder type 50

### Technical data according to EN 1871 –Material specifications

	Characteristic	Requirement
Before heat stability test	Chromaticity coordinates (x,y)	Coordinates within the specified colour box
	Luminance factor $\beta$	LF5 ( $\geq 0,75$ )
	Softening point (°C)	SP3 ( $\geq 95$ )

### Performance according to EN 1436 –Road marking performance for road users

Characteristic	Requirement
Coefficient of retroreflected luminance $R_L$	R3
Coefficient under diffuse illumination $Q_d$	Q3
Chromaticity coordinates (x,y)	Coordinates within the specified colour box
Skid resistance (SRT)	S2

*This is valid for an edge line on an RG2 classified surface with ADT  $\leq 8000$ . For more information about warranty conditions, please refer to the ViaTherm® performance matrix for respective market.*