

Reflective Glass Beads "Steklosfera"

Reflective glass beads are used for dropping onto the road markings made with paint, thermoplastic, cold plastic and spray plastic to provide night visibility by retroreflecting the headlight beams in the dark. Reflective glass beads are applied using road marking machines or by hand.

Reflective glass beads meet the following standards: STB 1750-2007; GOST R 53172-2008; EN 1423: 2012+AC:2013

HS Code TS 7018 20 000 0, OKP code RB 26.15.26.300

Certificates of conformity:

Russia: No. ПОСС ВУ.АЯ12.Н01071 valid from 24.03.2015 to 24.03.2018

CE: No. 1137-CPR-0499/81

Size grade of glass beads is selected in accordance with the type of material used (paint and plastic). For thin-layer paint and spray plastic marking, 100-400 µm, 100-600 µm, 212-850 µm and 250-850 µm size grades are used, for thick-layer marking, 250-850 µm and higher size grades are used.

Glass beads are treated with special solutions that improve their properties (improve adhesion to the marking materials, reduce caking and enhance floating properties).

The glass bead surface may have adhesion, floating and moisture-proof treatment or a combination thereof.

For thin-layer marking, adhesion, floating, and moisture-proof treatment is used, while for thick-layer marking, moisture-proof and adhesion treatment is used.

Recommended bead consumption: 350-450 g/m²



Basic Specifications::

Appearance	homogenous light free-flowing mass
Surface treatment:	
adhesion treatment	A
moisture-proof treatment	G
floating treatment	F
Percentage of defective glass beads, max	20%
Percentage of foreign particles, max	3%
Index of refraction, min	1.5
Resistance to water and calcium chloride solution	+

Packing: Bags with PE lining, 25 kg.

Glass beads must be stored in closed containers in storage areas to protect from moisture.

Warranty: 36 months from date of manufacture.

