

# LUX® GLASS BEADS

## Lux® GLASS BEADS AASHTO M247 TYPE I

Weissker's standard Lux® GLASS BEADS are high quality glass beads available in size range from 63 to 850 µm in diameter. The Weissker Lux Glass Beads are of a consistent quality with good reflectivity and low gas & air inclusion. Weissker uses an advanced coating system technology which provides for high level adhesion to the road marking materials.

Weissker's Lux® GLASS BEADS comply with various quality and production standards such as GOST R 51256, GOST R 52289, EN1423 and EN1424. The product is commonly used for both premix as well as for sprinkling on marking application on the road surface (drop on).

Conformity to	EN 1423, EN 1424, ISO 9001:2000, EC- CERTIFICATE OF CONFORMITY
Granulometry Range of glass beads diameter Samples of basic gradations	63 -1100 (microns) 63 -212 (microns) 400-850 (microns) 100-600 (microns) 180-850 (microns) 125-710 (microns)
Chemical composition, %	Silicon oxide - 72,1 Calcium oxide - 6,0 Sodium oxide - 15,0 Aluminum oxide - 2,2 Ferric oxide - 0,2 Magnesium oxide - 4,0 Sulfur oxide - 0,5 Dangerous substances (lead, arsenic, antimony) - none
Refractive index	≥1,50
Maximum weighted % of defective glass beads	20
Maximum weighted % of grain and foreign particles	3
Resistance to water, hydrochloric acid, calcium chloride, sodium sulfide	Resisting
Surface treatment of glass beads	Uncoated (G) Waterproof coated (Silicon) (W) Embedment coated (Silan, Adhesion) (H) Blend waterproof and embedment coating (HW)
Packing	Paper bags 25kg Big-bags 500 kg and 1000 kg.

