

## HIGHLY REFLECTIVE DROP ON GLASS BEADS FOR ROADS & HIGHWAYS

**High performance Drop-On Glass Beads which provide retro-reflectivity in all types of Road Marking Paints.**

These are dispensed after the paint has been applied on the surface to enhance the visibility of the paint during night and in adverse weather conditions

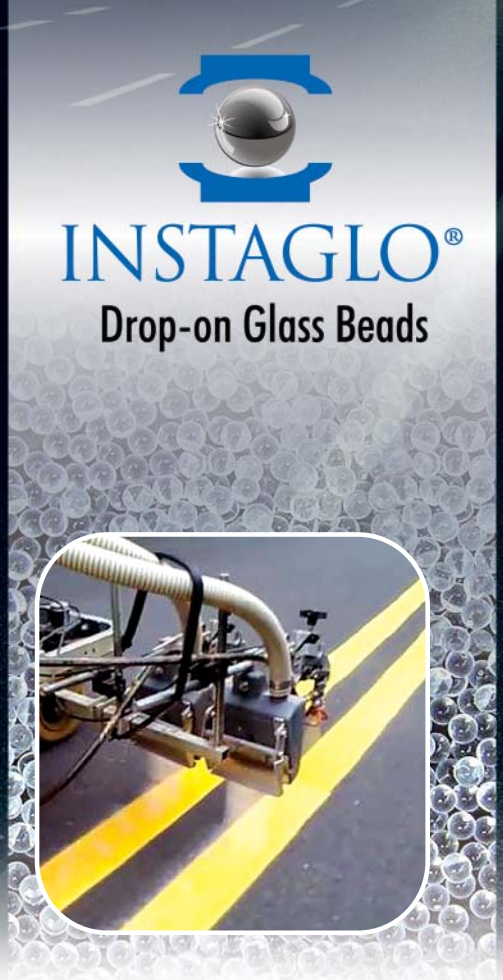
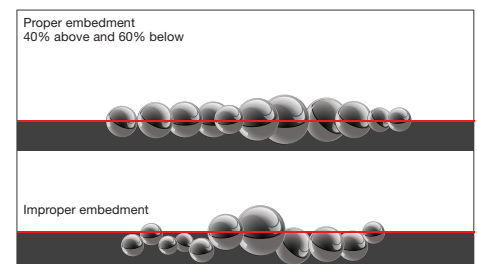
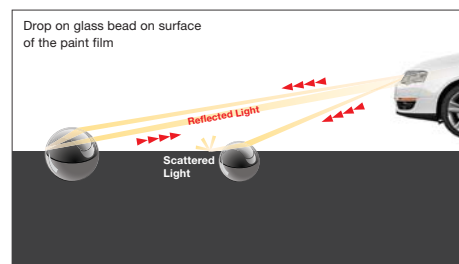
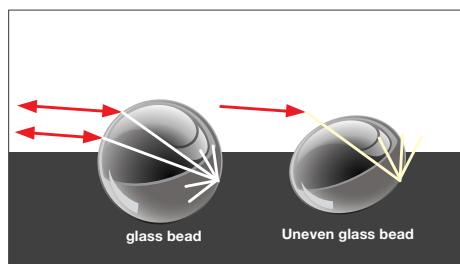
### The Instaglo® Advantage

- Refractive Index : +1.5
- More than 80% roundness
- Adequate moisture resistance and free flowing
- Special coating that prevents bead agglomeration and improves bead adhesion
- Environmental friendly, made from recycled glass
- Used extensively in thermoplastic, water based and solvent based traffic markings

### Drop on Glass Beads Application

When a light/light beam strikes a glass bead which is embedded in the marking it will get refracted & reflected.

Maximum Retro Reflection also depends upon the sphericity of the beads. The optimum retro reflection requires true round beads. Uneven, beads do not reflect light efficiently and hence will scatter light in random directions.



The reflectivity depends upon the degree of embedment of beads. Optimum embedment gives optimum reflectivity & longevity of the beads staying on the surface of marking. Normally the degree of embedment should be 60% beneath the surface and 40% above the surface. If the degree of embedment is less than 60% then there is a chance of beads popping out from the surface of the marking.

#### Quality standards:

Confirms to BS6088  
AASHTO M247,  
EN1423  
Type II specifications

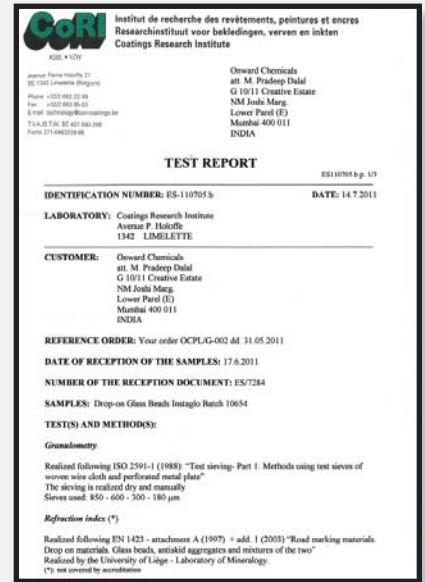
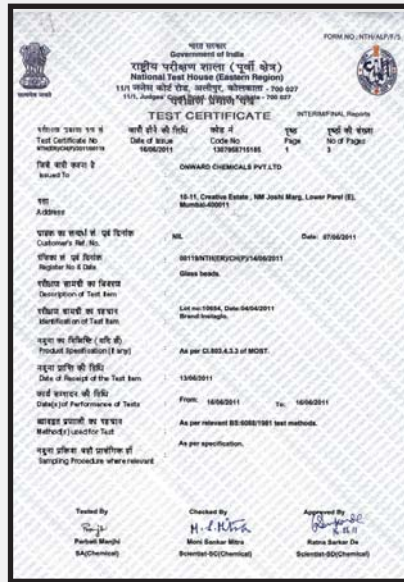
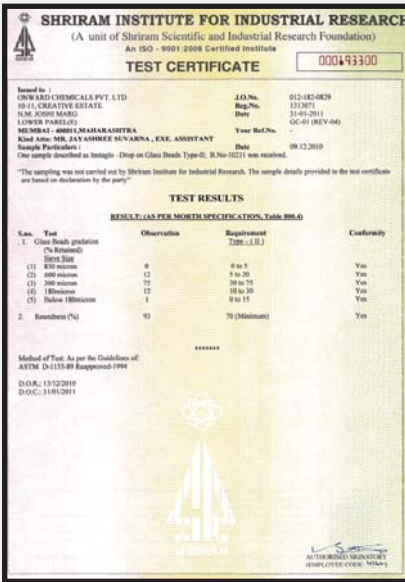
**Instaglo has been approved by leading Indian & International testing laboratories**

#### Currently used at:

- State & National Highways
- Highways
- PWD Roads
- Airports
- Industrial & Residential Complexes

**Available at competitive prices at our Mumbai & Chennai stock points**

# Certification



## Instaglo® Drop On Glass Beads complies with Industry Standards...

Diameter (µm)	Drop On Glass Beads Specifications		
	Potters BS 6088 Class B	SWARCOFLEX BS 6088 Class B	Instaglo® BS 6088 Type B
	% Retained		
850	0 to 5	0 to 5	✓
600	5 to 20	5 to 20	✓
300	30 to 75	30 to 75	✓
180	10 to 30	10 to 30	✓
< 180	0 to 15	0 to 15	✓
Roundness	> 80%	≥ 80%	✓
Refractive Index	> 1.5	≥ 1.5	✓

Do we need to say more ?

# ITS Coatings PVT. LTD.

## Mumbai :

10-11, Creative Estate, N.M. Joshi Marg  
Lower Parel (E), Mumbai - 400 011, India  
T : +91-22-4054 6474 | F : +91-22-4054 6400  
E : sales@itherm.in

## Chennai :

Plot no. 14, Cauveri Nagar, New S.no. 62/2, 2C, 2D,  
Noombal Village, Thiruverkadu, Ambattur Taluk  
Chennai - 600 077, India  
T : +91-44-2680 1165, 2680 1175

**iTraff™**  
Water Based &  
Solvent Based  
Traffic Markings

**iTrac™**  
Lane Demarcation  
Systems

**INSTAGLO®**  
Drop-on Glass Beads

**itcoprime™**  
Primer for  
Thermoplastic &  
Liquid Traffic Paints

**Jiangsu Luxinda**  
Road Marking  
Equipments