

# AW ELEMENT (Reflective Element)

## Technical Data Sheet

### Description:

Rain night reflective glass bead sare designed for all weather conditions, dry, rain, continuous rainfall to have good retro reflective for drivers. Glass beads are used alone or mixnormal glass beads in paints and coatings. Glass beads looks like powder, actually every bead combined with a big glass bead and hundreds of micron glass bead, made by barium-titanium glass and soda lime glass.

### Applications

- Variety of drop-on for reflective road marking
- Variety of intermix for reflective paint
- Drop-on for reflective anti-slip road marking
- Drop-on for decorative paint

### Construction Equipment

- Blade coating equipment
- sprayequipment.

### Features:

- Glass beads combined and covered by non-transparent micron beads
- Excellent optical design provides superior retro-reflectivity in dry and wet conditions
- Reasonable structure design, high compressive strength, good flowability improves uniformity of drop-on and good adhesion with various paint, good reflectivity with good hiding power
- Long reflective distance, and various reflective colors

### Package:

- 1000 kg/ton bag
- 25 kg (55 lbs)/bag
- 25 kg/barrel

### TORY Standard types:

TORY type	Size
AW0610	600-1000um
AW0812	850-1200um
AW1015	1000-1500um

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## Rain Night Reflective Glass Beads Typical properties

Description	AWW	AWWD	AWWM	AWY	AWYD	AWYM
Appearance	White glass beads			Yellow glass beads		
Density	2.5-2.7 g/cm <sup>3</sup>			2.5-2.7 g/cm <sup>3</sup>		
Size range	0.6-2.0 mm			0.6-2.0 mm		
Refractive index	1.9-2.4			1.9-2.4		
Chemical composition	TiO <sub>2</sub> , BaO, SiO <sub>2</sub> , ZrO <sub>2</sub> , etc.			TiO <sub>2</sub> , BaO, SiO <sub>2</sub> , ZrO <sub>2</sub> , etc.		
Coverage/m <sup>2</sup>	150-300 g			150-300 g		
Effective reflective distance	≥100 m			≥100 m		
Reflectivity in dry	≥800mcd	≥1200mcd	≥300mcd	≥600mcd	≥1000mcd	≥200mcd
Reflectivity in drizzle or wet	≥350mcd	≥200mcd	≥400mcd	≥200mcd	≥100mcd	≥300mcd
Reflectivity in heavy rain or continuous rainfall	≥100mcd	≥50mcd	≥200mcd	≥80mcd	≥50mcd	≥100mcd
Reflective color	Silver-white			Golden		

Please be aware that above are approximate reference values, if you need approval specifications or more information please contact us.