**TECHNICAL DATA SHEET****FEDERAL SPECIFICATION GLASS SPHERES RETRO-REFLECTIVE****PRODUCT**

Sarmac FEDERAL SPECIFICATION (TT-B-1325D)- BEADS (GLASS SPHERES) RETRO-REFLECTIVE

ManufactureSarmac I Safety Road Materials Co. , CPC industrial compound , Zone (D) ,Str.no(2),Factory no (17) ,6th October , Egypt-
Tel. : +(202)38642007,Fax :+(202)38642008-P.O.Box : 105/12573.**USES**

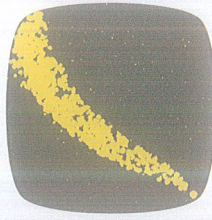
Adding Retro-reflectivity to Marking and it's major factor in increasing reflectivity in a very commercial way.

Gradation, percent by weight , Passing

U.S. Sieve #	Microns (μm)	Type I				*Type III		Type IV			
		A		B		Min	Max	A		B	
		Min	Max	Min	Max			Min	Max	Min	Max
12	1700	---	---	---	---	---	---	100	---	100	---
14	1400	---	---	---	---	---	---	95	100	---	---
16	1180	---	---	---	---	100	---	80	95	95	100
18	1000	---	---	---	---	---	---	10	40	---	---
20	850	100	---	---	---	95	100	0	5	35	70
30	600	80	100	---	---	55	75	---	---	0	5
40	425	---	---	---	---	15	35	---	---	---	---
50	300	18	35	---	---	0	5	---	---	---	---
70	212	---	---	100	---	---	---	---	---	---	---
80	180	---	---	85	100	---	---	---	---	---	---
100	150	0	10	---	---	---	---	---	---	---	---
140	106	---	---	15	55	---	---	---	---	---	---
200	75	0	2	---	---	---	---	---	---	---	---
230	63	---	---	0	10	---	---	---	---	---	---

sarmac

Safety Road Materials Co.
Limited Liability Co.



سارماك

شركة السلامة لمواد الطرق
شركة ذات مسئولية محدودة

TECHNICAL DATA

Chemical composition	BaO-SiO ₂ Glass
Appearance	Clean, dry , no impurity
Specific gravity (g/cm ³)	2.5 g/cm ³
Bulk weight (g / cm ³)	Approx. 2.8
Refractive index	1.55
Spherical beads	≥ 80%
Coating	No Coating

*Type III : High Index

Packing : Glass beads are available in net 25 kgs fiber drum with plastic liner.

Storage : Dry, Sheltered, and keep bags and containers well closed.