

SECTION 981 GLASS BEADS

981.1 GENERAL REQUIREMENTS

A. Glass beads used in traffic paint shall be without floatation properties as specified.

1. Glass beads for use with alkyd traffic paint shall be AASHTO M 247, Type I.

a. Gradation: Type I glass beads shall meet the following gradation requirements when tested according to ASTM D 1214.

Percent Passing a No. 20 (850 μm) sieve	100
Percent Passing a No. 30 (600 μm) sieve	75-95
Percent Passing a No. 50 (300 μm) sieve	15-35
Percent Passing a No. 100 (150 μm) sieve	0-5

2. Glass beads for use with waterborne traffic paint shall be moisture resistant conforming to AASHTO M 247, Type I. The glass beads for use with waterborne traffic paint shall also be treated with an adherence coating as recommended by the manufacturer.

a. Gradation: The glass beads shall meet the following gradation requirements when tested according to ASTM D 1214.

Percent Passing a No. 20 (850 μm) sieve	100
Percent Passing a No. 30 (600 μm) sieve	75-95
Percent Passing a No. 50 (300 μm) sieve	15-35
Percent Passing a No. 100 (150 μm) sieve	0-5