

LABORATORY REPORT

INTRUSION AID[®] "LS" Grout Fluidifier (ASTM C937 & CRD-C619)

The data given herein is representative of one combination of materials and is not to be construed as being indicative of every combination of materials. It is advisable to perform tests using project approved materials.

The typical mix design is as follows:

- 1 sack of Type 1 Portland Cement
- 4.0 - 4.5 gallons of water
- 1 pound of Intrusion Aid "LS"

Typical properties are given in the tabulation below:

PROPERTY	ASTM	CRD	INTRUSION AID"LS"
Expansion	C940	C613	2.0 -2.5%
Bleeding	C940	C613	0 - 0.4%
Compressive Strength	C942	C616	3 days - 3000 psi 28 days - 6000 psi