

# Test Report

## Precast Concrete Insert

### Basic information:

PO # :	1919	1919	1919	1919	1919
Customer :	Polylok	Polylok	Polylok	Polylok	Polylok
Product :	P15T 1/4"×1-1/2"	P25TOB 3/8"×1-3/8"	P25T 3/8"×1-3/8"	P35T 1/2"×1-1/2"	P36T 1/2"×2-7/8"
Lot Qty :	30,000	29,600	29,600	29,400	29,440
Test date :	Dec.15,2014	Dec.15,2014	Dec.15,2014	Dec.15,2014	Dec.15,2014
Test by :	Jinglei Hao	Jinglei Hao	Jinglei Hao	Jinglei Hao	Jinglei Hao
Test result :	Conform	Conform	Conform	Conform	Conform

### Zinc alloy chemical composition:

Material:	Zinc alloy	Grade:	ZnAl4Cu1
Lot No.:	ZX12-20159	Mill Code:	ZX2
Test date:	Nov. 08, 2014	Test by:	Jinglei Hao

Chemical	Al	Cu	Mg	Fe	Pb	Cd	Sn	Zn
Standard	3.9 ~ 4.3	0.7 ~ 1.1	0.03 ~ 0.06	<0.035	<0.004	<0.003	<0.0015	Balance
Test Result	4.11	0.85	0.048	0.021	0.003	0.002	0.0005	Balance
Y = Conforming N = Non-conforming	Y	Y	Y	Y	Y	Y	Y	Y

### Note:

1) 10pcs of each type were randomly picked out from each group and checked by go-end of standard go-no-go gauge. The go-end smoothly passed through the threaded length of each product with no problem.

2) As usual, Grade ZnAl4Cu1 zinc alloy is used to make the products, ZnAl4Cu1 (GB/T 13818-2009) is equivalent to ZAMAK 5. Chemical compositions from the test at the time when the zinc alloy arrived in plant conform to standard.

### Enclosed: Pictures from test

