

Sports Light Foam Foundation Backfill

INDUSTRY	Local Council / Sports Facilities
CLIENT	Singleton Rugby League Club
DISTRIBUTOR	Shield Crete Services Australia www.shieldcreteinternational.com.au
APPLICATOR	ARA Electrical
PROJECT	Foam backfill for fast turn around of sports light installation.
LOCATION	Singleton, NSW, Australia
SYSTEM	ShieldFoam PLF
DATE	July 2016



Description

The client was installing new LED lighting for the Singleton Junior Rugby League fields and they required a fast turn-around and a low-cost solution for the poles that were to be set in a levee embankment.

CoEng Pty Ltd did the foundation design and ShieldCrete International donated the ShieldFoam PLF foundation foam.

Based on testing in Victoria the foundation foam gives exceptional short-term capacity even when only filling half the hole depth (better than 3 months of consolidated tamped backfill). The other benefit of finishing the foam at least 600mm below the ground level is that it won't hold moisture in the timber at the critical ground line region and allows for regular inspection techniques. All three poles and lights were installed in a day with minimal manual labour.

