

PROJECT PROFILE

: ShieldPoly F-15



WOODCHIP TRUCK LINERS

: ABRASION RESISTANT

INDUSTRY	Vegetation Management/Transport
CLIENT	Various
DISTRIBUTOR	ShieldCrete International 1800 364 776 www.shieldcreteaustralia.com.au
APPLICATOR	Polyurea WA
PROJECT	Corrosion & abrasion protection of woodchip truck dumper bodies.
LOCATION	Western Australia
SYSTEM	3-4mm ShieldPoly F-15 on back wall, 2-3mm ShieldPoly F-15 elsewhere.
DATE	2014 on-going



Description

Woodchips are quite corrosive to steel due to the combination of the acidity of the Tannins that are released from the woody material and leaves, and the abrasive nature of the woodchips themselves.

This combination means that a full-time arborist may go through a new tray for their woodchip trucks every 1-2 years, or at least have to do significant repairs.

When approached, Polyurea WA suggested using pure polyurea to dramatically extend the life of the trays, as well as allowing them to be easily cleaned out.

Since 2014 Polyurea WA has installed a number of these liners for WA arborists, including Dickies Tree Service, who still have the trays in use without any need to re-coat (life expectancy of 10 years). This is a much more cost-effective option than replacing the trays or conducting significant repairs every 2 years.

NOTE

The images is of one of the original trucks coated. After more than 3 years in service there has been minimal if any wear of the coating.



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