

Case Study: North Strathfield Rail Underpass



Tunnel Waterproofing

Background

The North Strathfield Rail Underpass (NSRU) is part of the Northern Sydney Freight Corridor program, a joint Australian and NSW Government initiative to improve capacity and reliability for freight trains between North Strathfield and Newcastle. Transport NSW is delivering the project with Alliance Partners Bouygues Travaux Publics Australia and John Holland.

Objective

Application of a Normet TS800 2 part waterproof coating to the 180m tunnel, each coating a relatively thin 2mm coverage.

ANTEC Solution

The Reed SOVA Guniting spray was chosen for this application. With the 18 pocket bowl speed set to the slowest revolution and utilising a 1.5" nozzle assembly, 20kg bags were placed into the machine every 30 minutes to achieve an application of 100sqm in 1 hour.

About Antec

Antec is a manufacturer and distributor of a wide range of products to the mining, minerals processing and infrastructure industries in Australia. Antec are the exclusive distributor of the Reed range of guniting and concrete pumps which are available for hire or buy.

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