



# CASE STUDY - 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:

The customer required a machine capable of delivering an application of a Normet TS800 2 part waterproof coating to the 180m long tunnel with 2mm coating thickness.

The machine must meet stringent guidelines for machinery operating in an underground environment

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## ➤ THE CGS SOLUTION:

Based on the customer's requirements, the Reed SOVA Gunite machine was selected as the ideal solution. With an '18 pocket' feedbowl, slow speed setting and a 1.5" nozzle assembly, 20kg bags were placed into the machine every 30 minutes to achieve an application of 100sqm per hour.



# CGS EQUIPMENT - THE INDUSTRY'S SUPPLIER OF CHOICE

## > WHY CHOOSE CGS EQUIPMENT?

### > OUR PRODUCT RANGE INCLUDES:

- Line & trailer pumps
- Shotcrete & gunite spraying units
- Plaster & mortar spraying units
- Grout mixing, injecting & pumping plants
- Stationary & mobile batching plants
- Volumetric mixers
- Mobile screed machines



High quality European and American manufactured machines - For sale or rent



Extensive parts and accessories inventory



On-site or workshop-based service, maintenance and repair



Knowledgeable and friendly team with a customer service focus