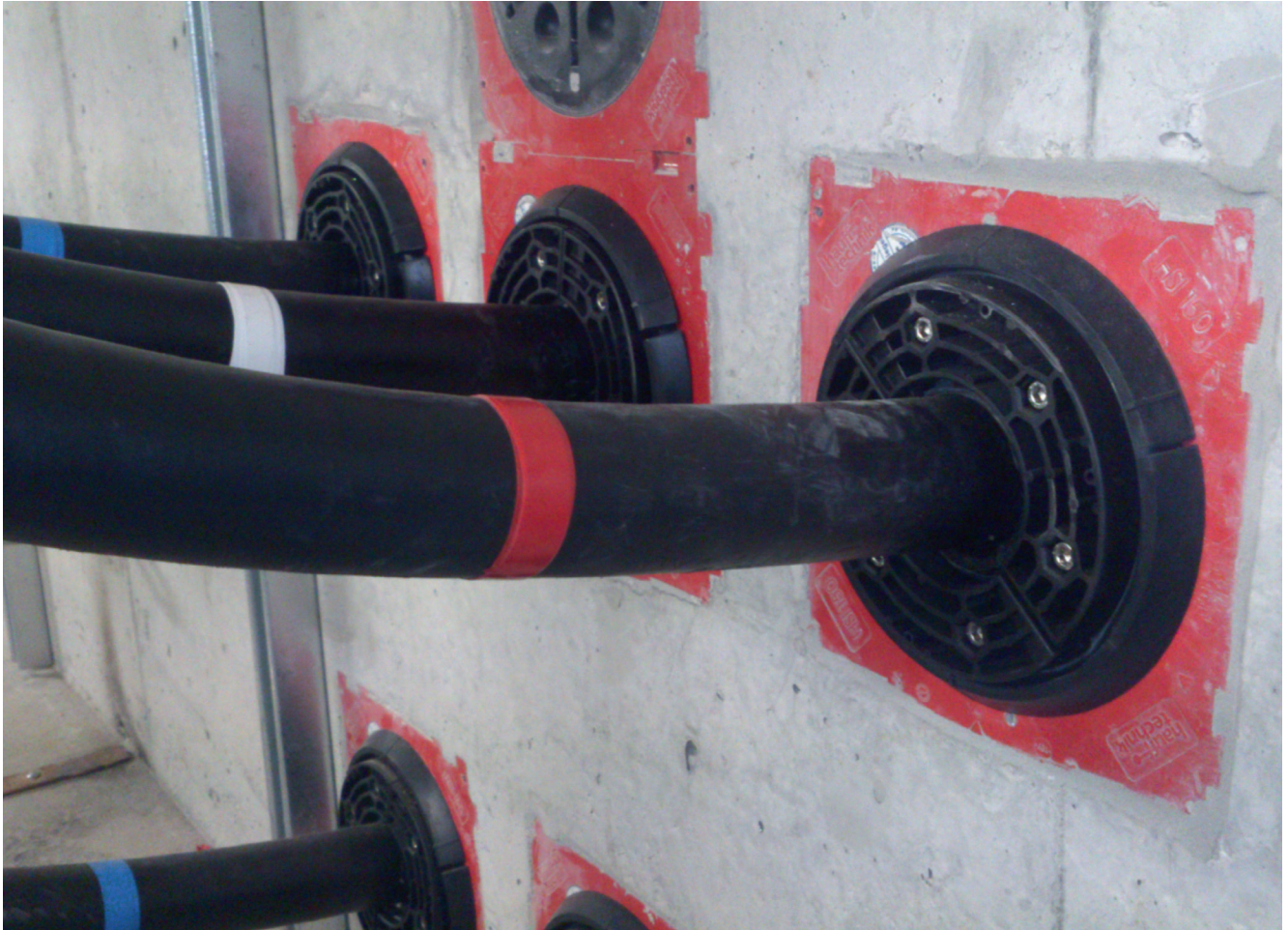


Always. Reliable. Tight.



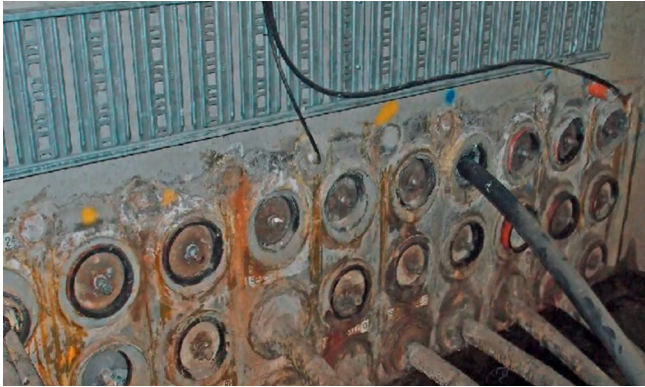
REBUILD WITH WATERTIGHT SEALING  
BY ANTEC ENGINEERING, AUSTRALIA

# SUNSHINE SUBSTATION, VICTORIA



Rebuild with watertight sealing

## WATERTIGHT SEALING SYSTEM HSI 150



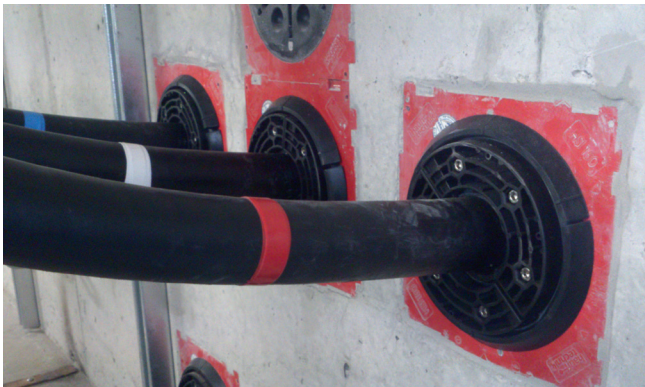
Old sealing methods: Installation is only 20 months old.



Old sealing methods: Use of 2 types of organic sealants due to the failure of the first attempt failed.



Hauff-Technik wall inserts after concreting in completely dry cable trench.



Hauff-Technik HSI 150 DG cable seals.



The company Antec Engineering Pty Ltd.

## FACTS



Antec is a leading supplier of a broad range of products for the mining, minerals processing, construction and infrastructure industries in Australia.

With branches in Sydney, Melbourne, Brisbane, Adelaide and Perth they provide superior customer service and delivery for a broad range of products. Additionally they work with major contractors to deliver customised project solutions to meet the individual requirements of the client and the job. Antec are the exclusive distributor of the Hauff-Technik range of cable & pipe sealing products.

### PROJECT INFORMATION AND SOLUTIONS PROVIDED BY HAUFF-TECHNIK

Project description	Citipower are the asset owner of the Substation in Sunshine, Victoria. Citipower / Powercor engineers are aware of the problems associated with using organic sealants to seal pipes and cables in substations. To protect vital assets, Citipower engineers specify Hauff-Technik mechanical sealing systems. Not only do the Hauff-Technik seals provide immediate sealing they provide long term cost benefits by eliminating future damage and costly repair work.
The challenge	The Sunshine Substation was rebuilt and required that the cable entry system shall ensure a watertight seal between the cable and the pit and also the pit and the conduit. The cable entries shall have a watertight seal before and after the cables are installed.
Products used	HSI 150-K2 wall insert 250 mm in thickness HSI 150-M168 system covers Hateflex 14150 flexible conduits 1.5 m and 4 m in length KES-M150 HTV joiners HSI 150-DG cable seals

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