

TUNNELS - SWISS ALPS

Alocit 28.95 and 28.15 were specified for the service tunnel of the Gornergrat-Bahn, a rack-railway in the Swiss Alps. After fifteen years, Alocit products are being used again because of their proven durability, outstanding adhesion and resistance to oil and other corrosive materials.



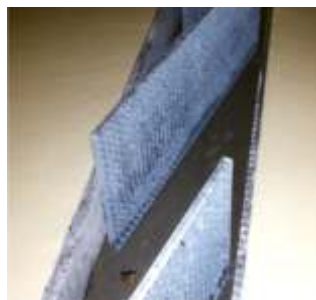
The Gornergrat-Bahn service tunnel, extended to 250m from the original

100m, is cut into the mountainside. It is used for the maintenance of trains

and rolling stock as well as the storage of materials. Walls and floors in the tunnel suffer from constant exposure to moisture, dirt and oil. Engine oil is drained directly into channels under the tracks to be carried off to special oil separators. No part of the tunnel escapes from the contaminating effects of this underground environment.

Alocit 28.95 was used as a primer for its ability to adhere to oily and damp substrates with 28.15 as the finishing coat. Surface preparation only required the removal of loose and flaky material by wire brush. After application, in this case by brush, the Gornergrat-Bahn was ready for at least another 20 years hard use.

The pictures show the damp and oily conditions in the tunnel and how Alocit coatings were able to completely renew the substrate.



ALOCIT UNDERGROUND

Alocit systems have been successfully used at many tunnel locations: the Sumner Tunnel under Boston Harbour and the Holland Tunnel under the Hudson River in the US, the MRT in Singapore, the Grosser St. Bernard tunnel in the Alps, several train underpasses in Switzerland and the main motorway tunnels between Lubijana and Zagreb in Slovenia.

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