



Hiroshima Seifu Tunnel Project Japan

Product used: Barchip MHT 30mm

The Project

Hiroshima Seifu Tunnels are located near Hiroshima City on the Southern Island of Japan. Construction of the tunnels took place between December 1998 and January 2001. In excess of 3,500m³ of Barchip reinforced shotcrete was used on the project.



TUNNEL PORTALS

Project Specifications

Length:	Twin bore 3,876 metres
Excavation method:	Drill and Blast
Client:	Hiroshima Municipal Road Co. (Local Government)
Contractor:	Joint Venture between Taisei Construction, Komatsu, and Nishiki Construction Company.
Fibre Used:	Barchip MHT 30mm Primary lining
Dose:	9kg/m ³ (1.0%) Primary Lining

Excavation of main heading with the application of Barchip fibre reinforced shotcrete.



Installation of rockbolts through Barchip reinforced shotcrete.



Application of Barchip fibre reinforced shotcrete.



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