



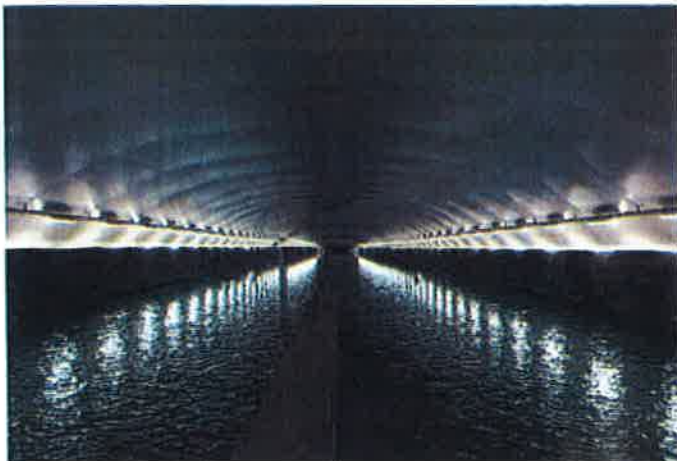
**W. GIERTSEN
TUNNEL**

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SOME SELECTED PROJECTS



Photo: Lasse Modin for SKB



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TUNNEL & ROCK CAVERN WATERPROOFING SOLUTIONS

Approval
Marking No.
07-BA170005-
MSHA



Giertsen Tunnel AS is a privately owned, limited company based in Bergen, Norway. We offer our own patented waterproofing solutions for tunnels and rock caverns worldwide. Giertsen Tunnel AS has a staff of professional employees that have worked in the field of waterproofing for more than 30 years.

The WG Tunnel Sealing (WGTS) is a cost effective method to provide permanent sealing and humidity control. The WGTS is a complete waterproofing system for any caverns, shafts or other underground facilities.

The WGTS system is normally delivered and installed by Giertsen Tunnel AS. Alternatively Giertsen Tunnel AS supply the material, and the installation is a co-operation between the customer and Giertsen Tunnel's supervision.

The WGTS combined with dehumidifier gives a controlled environment for a multipurpose use of the facility. With a controlled environment the corrosion is reduced to a minimum. The system provides a bright surface and dry climate.

The WGTS system can, and have been used in:

- Waste water plants
- Hydroelectric power plants
- Subsea public road tunnels
- Underground car parking
- Light metro tunnels
- Public fresh water supply
- Technical installations, etc.
- Military facilities
- Storage caverns
- Civil defence shelters
- Sports centre

WG Tunnel Arch (WGTA) is a complete system for water leakage control for road tunnels and light metro tunnels. WGTA is a cost-effective waterproofing system.

The WGTS and WGTA systems are very well documented regarding fire, life span and water tightness. The fabric itself is self-extinguishing, which means it will never maintain or spread a fire.

References

Giertsen Tunnel's systems have been used at projects in Norway, Sweden, India, Philippines, Scotland, The Faroe Island, Greenland, Zimbabwe, Nepal, Pakistan, Italy, South Korea, Switzerland, Singapore, Finland, Iceland etc.

Other products

Giertsen Tunnel AS supplies membranes for waterproofing of tunnels. Giertsen Tunnel AS can supply both PVC, HDPE, LDPE and PP.