

10 Reasons Why TUNPROTEC® is a “superior solution”.

Compared to other water based Fixed Fire Fighting Systems



- 1 Water Consumption**
3-5 times less water used compared to deluge/sprinkler.



- 2 Power Consumption**
1/3 compared to high pressure watermist.



- 3 Pipes & Components**
Thin walled PN16 pressure class components used.



- 4 Hydrants**
Hydrants can be integrated.



- 5 Fire Pumps**
Smaller and less power consuming than high pressure watermist and deluge/sprinkler.

For tunnel refurbish tunnel projects TUNPROTEC® is a more cost-effective solution than a passive fire protection solution e.g. sprayed concrete solution, mineral panel lining etc.



- 6 Maintain the Free Cross Section of the Tunnel**
Installation of the TUNPROTEC® system will not take up space from the existing available cross section area.



- 7 Safety Factor**
In case the fire becomes larger than the tunnel design fire, a low pressure watermist system will still suppress the fire and prevent the tunnel from collapsing.



- 8 Installation**
Installation of the TUNPROTEC® System and its ability to suppress the fire allows for lower ventilation velocities and can typically reduce the number of jet fans with 30-50%



- 9 Installation & Tunnel Closure Downtime**
Installation of the TUNPROTEC® System is quicker and can be performed while traffic is still maintained = tunnel closure/downtime avoided.



- 10 Life Safety**
Unlike a passive fire protection, a low pressure watermist system will also help secure more tenability in the tunnel.

For more information on TUNPROTEC® Low Pressure Watermist Fixed Fire Fighting Solution visit: www.tunprotec.com