

# Fire Protection

**Allmach** is a specialist in the field of fire protection piping systems. We provide fire protection engineers with cost-effective solutions for fire hydrant system and automatic fire sprinkler installations. Allmach's press fit carbon-steel range of pipe and fittings requires no welding, is leak-proof and enables quick on-site modifications making it faster, easier and safer to install. The range has up to 30% installation cost saving over traditional methods, and is available to order online 24/7.

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## About Fire Protection Pipe

A fire protection system comprises of a fire hydrant system and automatic fire sprinkler system for the purpose of fire suppression in buildings. A fire hydrant system is a water supply with sufficient pressure and flow delivered through pipes for fire-fighting purposes.

Water from a reticulated fire hydrant system can also be shared with an automatic fire sprinkler systems. In Australia, any building over three stories needs a fire protection system installed, and this can be expensive and time consuming to install and maintain.



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## Allmach's Fire Services Protection Solutions

Traditionally fire protection systems have been created using a heavy, screw system with heavy thick-walled pipes and various glue and screw fittings, which are extremely time-consuming to install and lack design flexibility.

These systems are prone to installer injury, can only be floor-mounted due to the weight, and rust and leakage due to the screw method of joining pipe. Allmach's SurePress carbon steel range of pipe and fittings negates these cost and installation issues.



**SurePress:** A carbon steel system is an internally and externally zinc-coated tube, prevents rust or leaks. It has a light weight, thin-walled tube which is put together on-site by press fit fittings. Pipe can be cut with plumbing tube cutters, pushed together, and then crimped using a battery-operated tool. No threading or roll-grooving machines required.

A SurePress carbon steel fire protection system is 10 times faster to install, is safer to handle, allows on site design modification flexibility, and it has up to 30 % cost saving on installation.

Allmach is ISO 9001 Quality accredited



## Where are Allmach's Fire Protection Piping Systems used?



Nursing and Aged Care Homes



Commercial High Rise



Medical Research and Healthcare Facilities



Residential Low & High Rise



Industrial Buildings



Hotels, Restaurants and Entertainment Facilities



Retail / Shopping Centres



Educational Institutions – Primary Schools, Secondary Schools, and Universities



Manufacturing Buildings



Logistics Centres



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