

FLOW CONTROL

BUILDING SERVICES

We are problem solvers - that's our core business.
We represent some of the best brands in the world
for steel and flow control products.

By combining our extensive product range with our
local knowledge, we offer our clients comprehensive
tailored solutions.

We service the following market segments:

Pure Water
Chemical Drainage
Sanitary | Trade Waste
Siphonic
HVAC
Fire Protection

OUR STORY.

We're a successful New Zealand owned business that's been trusted to deliver for our customers for 100 years.

Founded in 1920, the Asmuss Group has supplied many of the biggest industrial and construction projects in New Zealand and is one of the largest privately-owned companies in its field.

A focus on quality products, technical excellence and exceptional customer service has been the cornerstone of our philosophy.

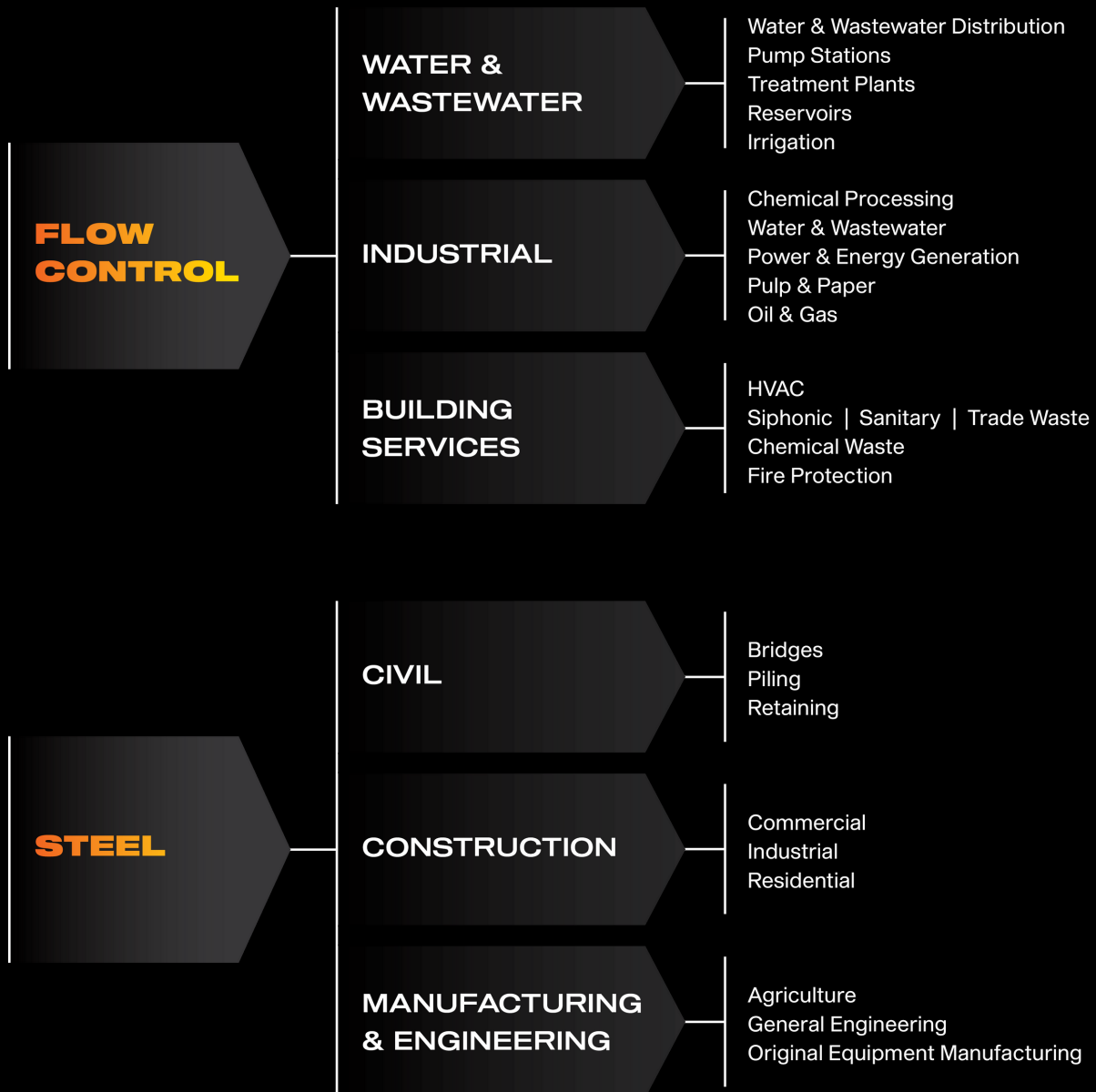
We believe longevity in business is about having a true partnership with our valued suppliers and customers, going through the ups and downs, and succeeding together.

OUR EXPERTISE.

- We understand your market and it's unique challenges
- Our specialist team sources the best brands around the globe
- We coordinate our resources across all sites to ensure you receive the optimal product combination tailored to meet your specific requirements
- We offer local technical sales support and installation training
- We have proven experience in supplying products to some of New Zealand's largest infrastructure projects



ONE COMPANY, MANY SOLUTIONS.



**WE'RE HERE
TO CREATE
A STRONGER
NEW ZEALAND
BY HELPING
OUR CUSTOMERS,
COMMUNITIES
AND PEOPLE
SUCCEED.**



PURE WATER.

Water is easily contaminated by chemical solids, gases, vapors and ions that leach from conduit lines and containers. These may include sodium and silica from glass, plasticisers and ions from piping, microbial species and their endotoxins, as well as particulate contaminants.

Centralized laboratory water systems should be designed to meet the 'process' or 'product' water grade necessary for most common applications. This is to avoid the risk of contamination and ensure appropriate economies. It also provides quality feedwater suitable for final polishing, to serve ultrapure applications such as typically required for various analytical applications.

Asmuss has a long history of providing complete pipe, valve and specialised jointing systems for pure water applications, whether they be in a hospital or laboratory environment.



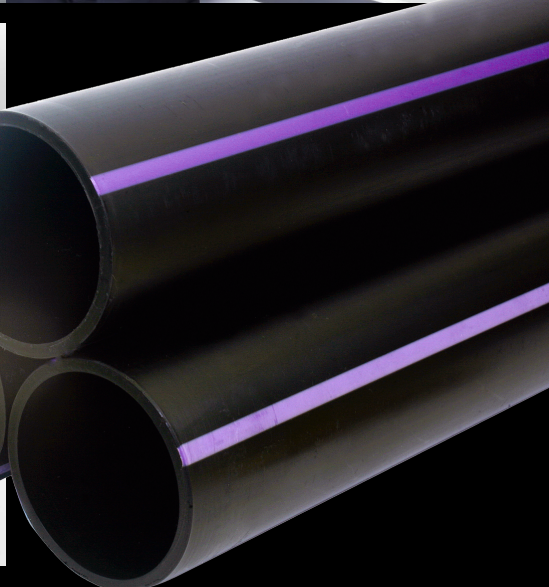
CHEMICAL DRAINAGE.

Vulcathene boasts over 65 years proven performance in the laboratories of thousands of schools, universities, hospitals and research facilities around the world. proof of its very high reliability for safe chemical drainage.

Vulcathene systems are specified world wide, and feature:

- Two easy jointing methods - Mechanical or Enfusion
- Injection moulded fittings for accuracy and reliability
- Purpose designed for chemical drainage
- BBA tested/approved for chemical drainage

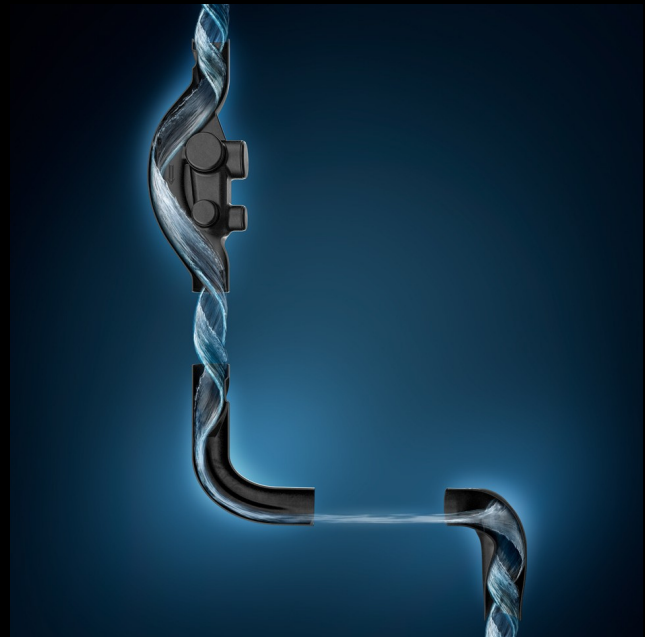
Asmuss supplies the full Vulcathene product range including pipe, bench products and ancillaries.



SOVENT / SUPERTUBE

Geberit Sovent & SuperTube technology is based on the perfect interplay between 3 system components – Sovent, BottomTurn Bend and BackFlip bend. Three clever fittings coupled with the tried-and-tested Geberit HDPE discharge pipe with its high load-bearing capacity combine to create an innovative hydraulic solution that enables waste water systems to be installed in a particularly space-saving manner in high-rise buildings.

SuperTube means no requirement for parallel ventilation pipe, creating more usable space for the residential apartment owner and therefore gaining more floor space.



Additional benefits include - pipelines with consistently smaller dimensions allowing smaller pipe ducts to be used.

Horizontal pipelines can be laid to a length of up to six metres without a slope to save even more space.

TRADE WASTE

Geberit HDPE is the complete solution for all types of drainage, both above and below ground. The pipes and fittings are manufactured from high density polyethylene and offer numerous advantages compared to conventional piping systems.

Geberit HDPE has a high impact and abrasion resistance, is flexible and offers multiple connection options. These combined properties make it ideal for prefabrication, high traffic areas and trade waste applications where quality and reliability are important.



- Resistant to around 95% of all standard alkalis, acids and chemicals.
- Suitable for long term exposure of temperature up to 80°C, with short term exposure up to 100°C.
- The pipes and fittings withstand shocks, drops, impacts and pressures of up to 1.5 bar.
- Cost effective: due to its light weight and low shrinkage rate (less expansion joints), high savings can be achieved in labour and installation costs.
- Can be prefabricated without the need for gluing.
- Geberit PE is suitable for embedding in concrete

PLUVIA SIPHONICS

Geberit has been designing and perfecting siphonic roof drainage systems since the 80's. Today Geberit is a world leader, with Pluvia siphonic drainage systems having been installed in more than 30 countries.

Geberit has more than two decades of experience in the Pacific region. Some of the most ground breaking architectural designs have been made possible thanks to Pluvia siphonic technology. Large roof areas can be drained using fewer pipes and simplified hydraulic designs, releasing architects from the restrictions of conventional roof drainage systems.



Maximise usable / saleable space and minimise costs without compromising quality:

- Pipes flow full under negative pressure
- Cost effective with fewer pipes and smaller pipe diameters
- Space saving due to smaller pipe diameters, smaller duct sizes
- Fewer underground pipe connections, roof outlets and downpipes result in high savings in labour and materials
- Rainwater travels at high velocity, maximising the discharge capacity and reducing the risk of blockages
- Greater design freedom and flexibility, maximum use of space due to horizontal pipelines without slopes

HVAC.

HVAC (Heating, Ventilation, and Air Conditioning) refers to the different systems used for moving air between indoor and outdoor areas, along with heating and cooling both residential and commercial buildings. Asmuss offers a comprehensive range of Pipe, Fittings, Valves and Accessories for HVAC applications.

Our HVAC pipes and fittings range include API, Copper, ERW, Polyethylene, Pex and uPVC Pressure Pipes. Our HVAC valve range includes butterfly, control, gate, globe, isolation, regulation, non-return, pressure reducing and pressure relief valves. We also supply air vents, strainers, differential pressure controllers and PICV actuators.

We are exclusive suppliers of HerzCon Units, an all rounder system with multifunction ball valves, venting valve, drain valve and strainer. Control and regulation, filling, flushing and draining as well as shutting off and filtering are combined in one unit. Six flow ranges give a wide range of applications.



FIRE & GAS MAINS.

Fire-protection and Gas Mains systems each have standards and specifications. Asmuss supplies a range of essential fire-protection galvanised pipes and fittings, valves and roll groove fittings.

Through a local reseller agreement with Reliable we are able to supply sprinklers, flexy droppers, Deluge, Pre-Action Systems amongst other (AON approved).

Additionally, we supply a comprehensive range of steel pipe, Mech UL/FM approved galvanised fittings, AON approved Mech Fire Protection Valves, and AON approved Mech Roll Grooved fittings & pipe couplings.





RECENT PROJECTS.

1 PARK HYATT

Asmuss were approached to provide a roof drainage system to this \$300M project in Auckland's prestigious Viaduct Harbour precinct.

Our team proposed a siphonic roof drainage system as the best possible solution given the space restrictions. Geberit's Pluvia siphonic roof drainage allows for a high volume of rainwater to be removed through smaller diameter pipes which are installed with no fall.

This was a challenging installation requiring close liaison with the client and BIM modelling company to ensure we provided an efficient system that would integrate seamlessly with other services in the ceiling space.

2 MASSEY UNIVERSITY - SCIENCE BUILDING

When one of New Zealand's top universities was building a new award winning multi-function teaching laboratory they reached to Asmuss to provide pure water, chemical drainage and waste drainage solutions.

Pure Water (R/O Type 3) is often a must where any foreign bacteria or media within a system can contaminate the manufacturing or testing process. Once we understood the system requirements, a two-part solution was offered featuring +GF+ PP-h pipe and fittings as well as infrared (IR) welding technology. The combination of the low leak properties of PP-h with minimal bead of IR welding was the perfect solution for Massey's new science lab.

Asmuss also provided a Vulcathene BBA approval Chemical Drainage System, in both fusion and mechanical options.

Lastly, we supplied the Geberit HDPE drainage and waste system, featuring high impact and abrasion resistance, low noise transmission impact resistance and ductile nature. This system provides a low friction, non-wettable surface which resists build up and blockages.

3 AUCKLAND UNIVERSITY OF TECHNOLOGY

As part of a major capital development programme, AUT's campuses have undergone and continue to undergo significant development to improve student and staff experience.

The state-of-the art building School of Engineering, Computer and Mathematical Sciences building acts as a 'living laboratory' where theoretical lessons are brought to life by showcasing how theory from the classroom has been applied to WZ's building design.

Asmuss was engaged to provide HerzCon units for this building.



ASMUSS

STEEL & FLOW CONTROL

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