

Hazardous Substances Warehouse Fire Protection

Client:
Agrowin

Location:
Goor - NL

Project:
PGS-15 storage
Of 4.313 m3



Agrowin is one of the 8 warehouses in the Netherlands with hazardous goods who are protected with **FirePro**.

In the storage houses with combustible goods, the fire extinguishing systems must comply with the PGS-15 standards.

PGS-15 stands for Directive for storage and temporary storage with regard to fire safety, safety at work and environmental safety.

Project By:



Type of Protection:
Total Flood Warehouse

Type of Protection:

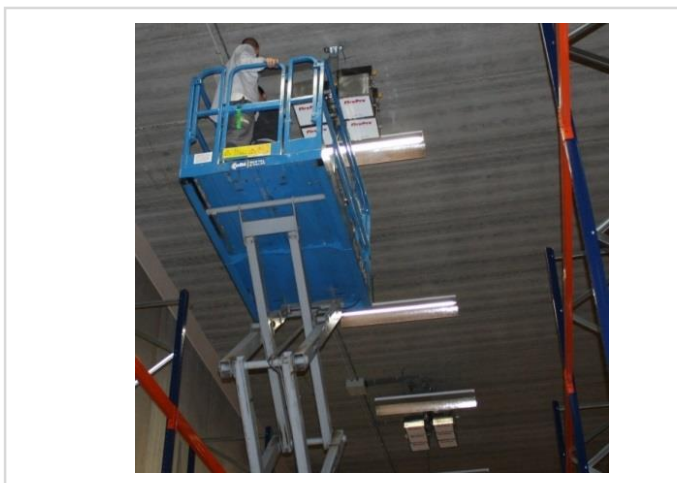
In the earlier days the fire protection in PGS-15 storehouses were with foam systems. Because the foam systems were not operating properly, the fire department and customer did a research for a more suitable system.

After a lot of research, presentations and tests the fire department gave their approval and many have **FirePro** as their preferred choice in fire extinguishing.



Fire Protection:

FP-1200S
FP-5700S



The Task:

Design, supply, install, commission, and maintain fire detection & alarm system for protection of storage warehouses under the requirements of PGS-15 against the threat of fire with **FirePro** fire extinguishing units.

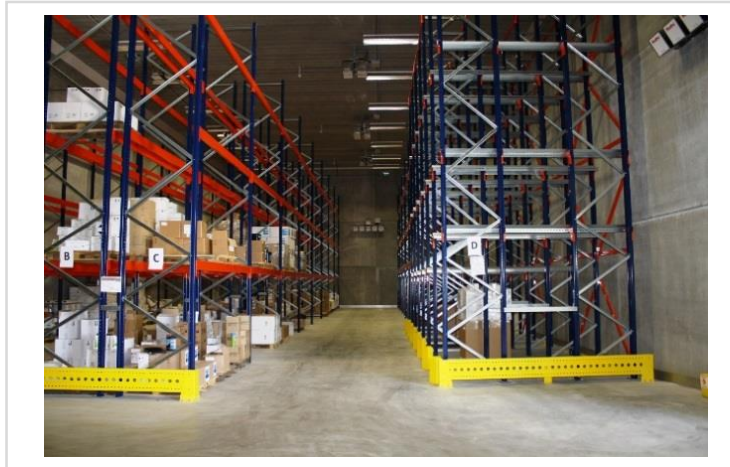


We **identify** risks - We **design** solutions - We **prevent** disasters

Risks Involved & Consequences:

As with most fires there will always be a variety of materials that may have combusted and dependent on the stage of the fire – the **FirePro** Units will extinguish fire – without producing any harmful effects to assets and human lives.

Furthermore, fire damage and the consequential undue and prolonged interruption to the functioning of equipment and the business had to be avoided.



Solutions:



Description/Details	Quantity	Type
Fire Protection Units		
Safe small package	6	FP-1200S
Total Flooding	92	FP-5700S
Fire Detection / Alarm System		

All **FirePro** units are manufactured under strict quality and environmental management standards according to international standards and requirements.

Results & Implementation:

With no pipe to install - No footprint for gas cylinders – No major Health & Safety Issues to worry about – The array of crucial information within the Data room is protected by **Firepro** units installed at ceiling level and within the ceiling void – which will function exactly the same way a gas extinguishing system would – at far lower cost of ownership, and extremely reliable & proven fire extinguishing capabilities.

Advantages of **FirePro**:

- certified environment friendly “green” fixed extinguishing solution
- no harmful residues or deposits
- does not produce harmful or toxic gases when in contact with a fire
- does not reduce oxygen content within risk when discharged
- leading certified condensed aerosol product – represented in 70 countries
- no pressurised gas cylinders
- fully modular, protects the smallest risk to total flooding application
- installed in less time than conventional gas extinguishing systems
- rapid deployment & re-installation in hours to re-arm – not days
- wall or ceiling mounted for room applications, Installed inside risk also
- no gas pressure reduction arrangements to facilitate gas release
- no risk of operative injury - such as accidental cylinder detonation
- no distribution hydraulic design, pipe fabrication, or installation

We **identify** risks - We **design** solutions - We **prevent** disasters