



# Fire and blast rated windows

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# Experts in fire and blast rated windows

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The main purpose of a fire and blast rated window is to provide the highest level of safety to personnel and equipment.

Van Dam B.V. supplies fire and blast rated windows complete with frames ready for installation in the bulkhead. The windows will be designed for your specific requirements and you can add components. All windows are certified by type approvals from Lloyds Register, ABS, US Coast Guard (USCG) and DNV are available. Other authority certifications (BV, GL etc.) can also be arranged.

## Application

Our windows are applicable the oil & gas market, the wind energy market and the infra & defense market.

## Van Dam windows

Van Dam windows are designed to the highest standards and longevity. All windows are customizable to project or customer requirements.

We do not recommend welding for windows, as the window might crack under influence of a lot of heat when not done in proper way. However, it is possible.

## Door features:

- Thermal insulation
- Sound reduction
- Shading coefficient
- Tinted glass
- Bullet proof requirements

## Optional:

- Horizontal/Roller blinds
- Venetian blinds
- Window box
- Cleaning systems



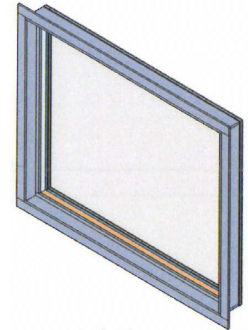
# The windows

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## A0 fire rating

This fire & blast rated window with subframe can be supplied in both mild steel with offshore paint system, or stainless steel 316L glass blasted finish, or coated with an offshore paint system.

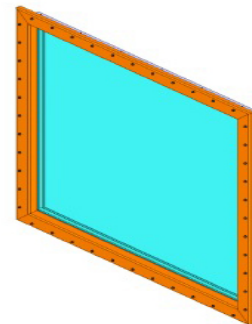
[Learn more](#)



## A30 fire rating

This fire & blast rated window with subframe can be supplied in both mild steel with offshore paint system, or stainless steel 316L glass blasted finish, or coated with an offshore paint system.

[Learn more](#)



## A0 - A60 fire rating (Escape Hatch)

This fire & blast rated escap hatch can be supplied with an outer section of both mild steel or stainless steel.

It has a short installation time which allows for welding or bolting and has a excellent sound reduction of 41 to 44 dB. The window unite fits any wall partition system. Furturemore, this window can be used to allow more natural light into the cabin as well as providing a safe escape route for personnel in case of fire.

[Learn more](#)

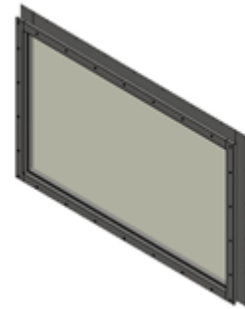


### **A60 fire rating**

This fire & blast rated window with subframe can be supplied in both mild steel with offshore paint system, or stainless steel 316L glass blasted finish, or coated with an offshore paint system.

For this type of window Van Dam has developed an escape window also, especially for the modular buildings market, but can be used in different markets as well.

[Learn more](#)

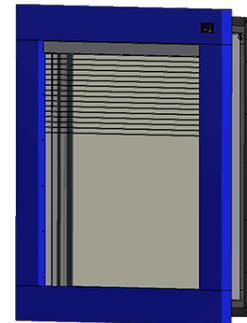


### **H120 fire rating**

This fire & blast rated window with subframe can be supplied in both mild steel with offshore paint system, or stainless steel 316L glass blasted finish, or coated with an offshore paint system.

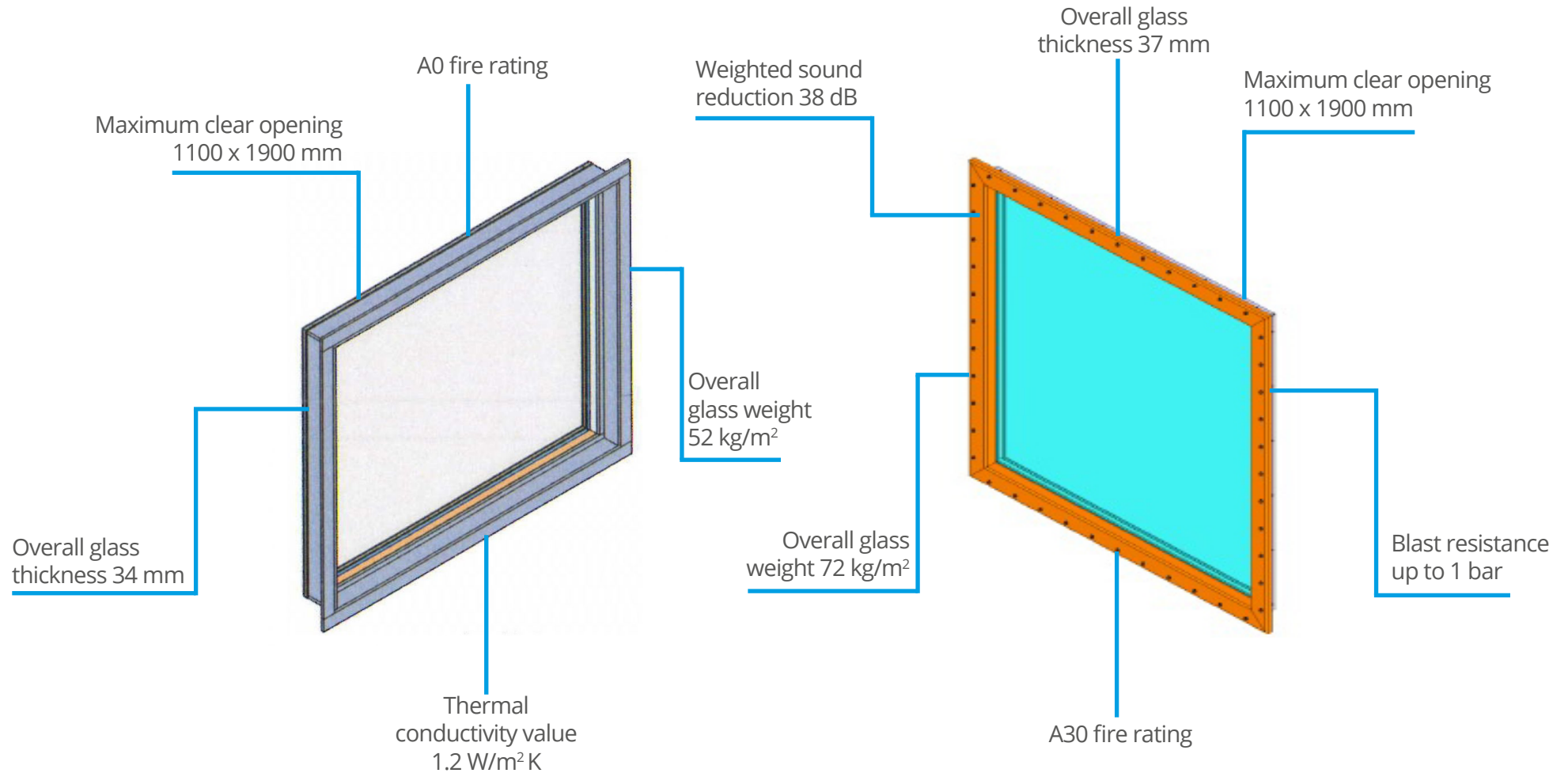
The Van Dam H120 fire rated windows can be supplied up to a maximum clear opening size of 1400 x 1400 mm which is the largest size that can be supplied in the world. The window unit fits any wall partition system with help of a window box.

[Learn more](#)



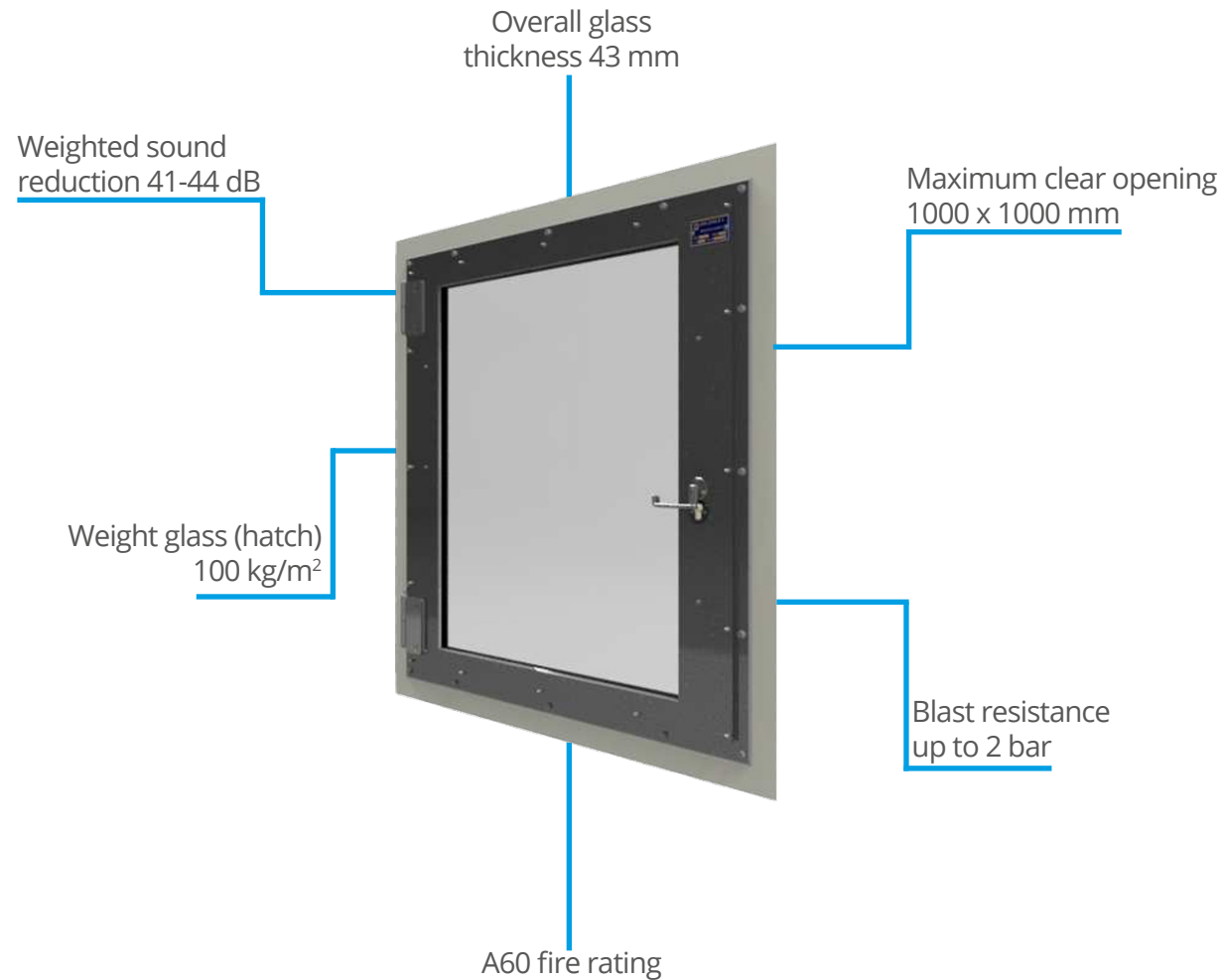


# Fire rating A0 & A30

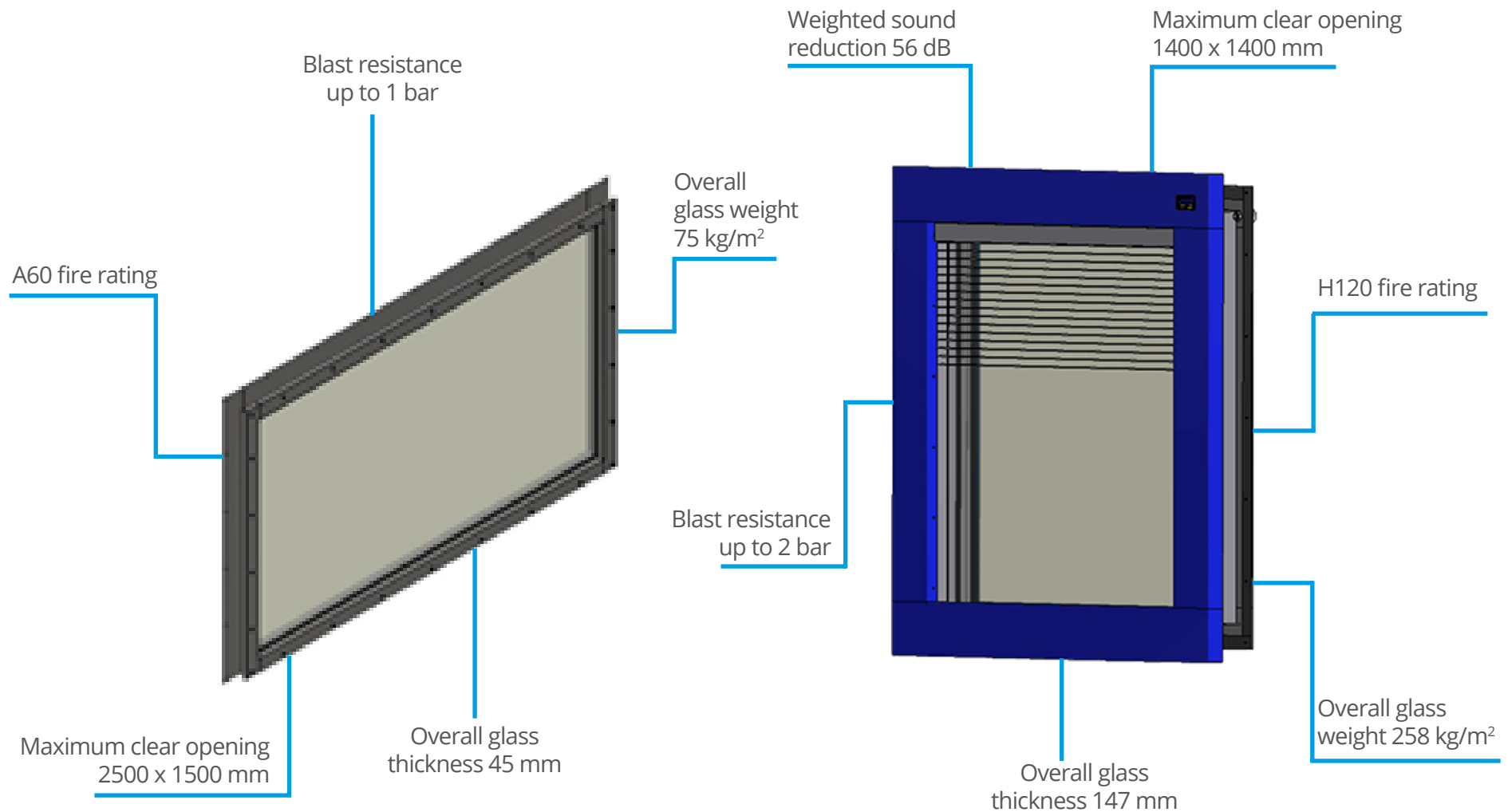


# Fire rating (Escape Hatch) A0 - A60

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# Fire rating A60 & H120





# What Van Dam needs to meet your requirements

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Van Dam has made sustainable research and development a core element in its activities. Through innovation and high-end engineering, we can provide the best quality in fire and blast rated windows.

In order to create the best match between project and products, we need to know several key points such as:

- Project specification
- Bill of material (BoM)
- Blast load + duration
- Type of certification
- Acoustic requirements

Van Dam is strongly committed to expanding its offer far beyond the standard products. We aim to continuously develop exciting new solutions and services to help our customers improve performance in numerous market segments.

# How it started

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Van Dam's long history dates all the way back to 1906, when we started as a metal sheet company supplying the local ship building industry with airbreathers and various engineered metal specialties.

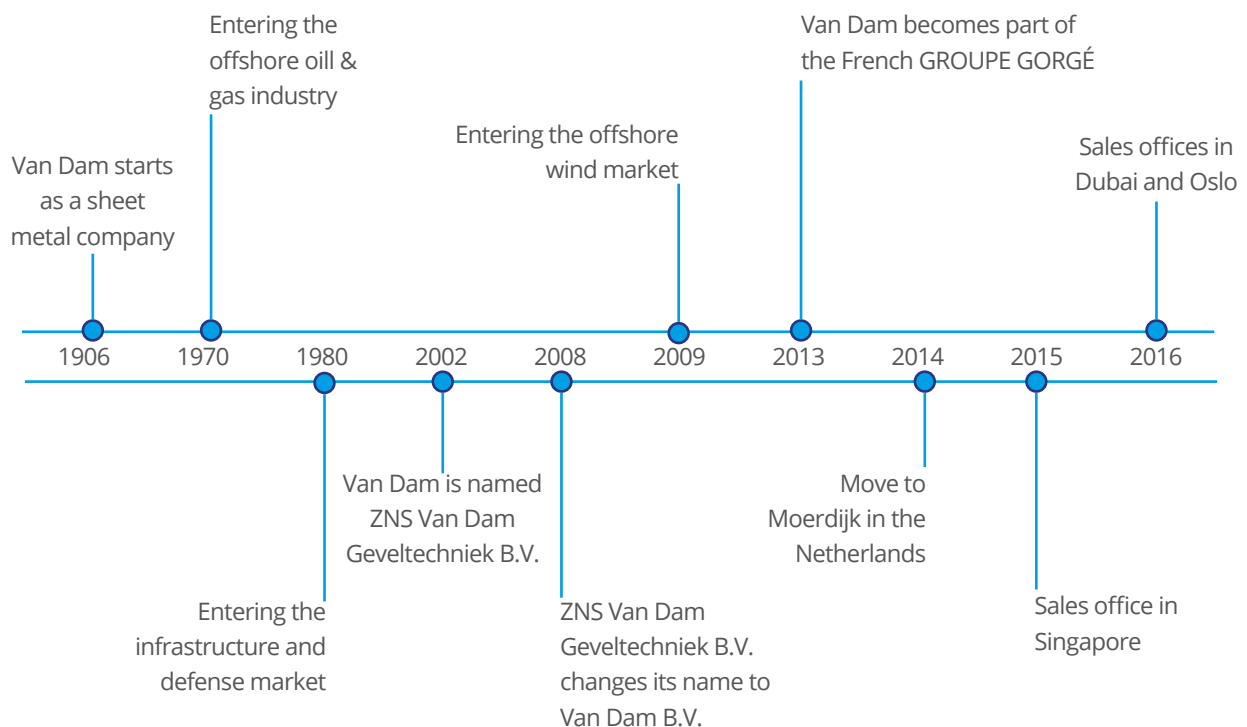
With the development of the offshore oil & gas industry in the 1970's, van Dam has developed into being a market leader in fire and blast rated products and solutions.

Our goal is to provide our customers worldwide with superior fire and blast protective products based on innovative and creative solutions and technologies, ultimately delivering sustainable growth and profit in a safe environment.

Our track record and diverse projects in the oil and gas market, the wind market and infra & defense market has made a solid statement in the industry.

We believe that innovation is a key factor in being able to comply with the highest standards and regulations and also with customers' needs and requirements.

*In business for over 100 years, let our long experience be your added value!*



### **About van Dam**

We design and manufacture fire and blast protective products and solutions to protect personnel and critical equipment. Van Dam B.V. is a market leader in this niche market and our innovative character enables us to stay ahead of the competition by investing in its technologies and anticipating on constant changing safety regulations.

### **Our organization**

We wish to supply a variety of products to the global market from our central organization in the Netherlands with a staff that is highly knowledgeable in fire and explosion proof products and associated products, whereby production activities will take place worldwide. Distributors all over the world are responsible for overseeing and selling a diversity of products on a global basis.

All activities take place from the head office in Moerdijk, the Netherlands, which manages the global production sites and sales network. But also Van Dam ventured into the works setting up Branch offices worldwide. Van Dam B.V. is a genuine project organization, whereby all departments contribute towards the successful completion of a project.

The organization has more than 100 years of experience in projects for international customers who maintain the highest of standards, such as IMO Solas, NORSOK, USCG and many other specifications.

Our organization is fully geared up, and qualified, to face and match the challenges of your complex Design & Build projects.

### **The Group**

Van Dam B.V. is part of Vigians (listed on the Euronext Paris Stock exchange), a leading independent engineering group.

Vigians' activities are focused on the fast growing technological niche market in the nuclear, defense and aerospace industry.

### **Headquarters**

#### **Van Dam B.V.**

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