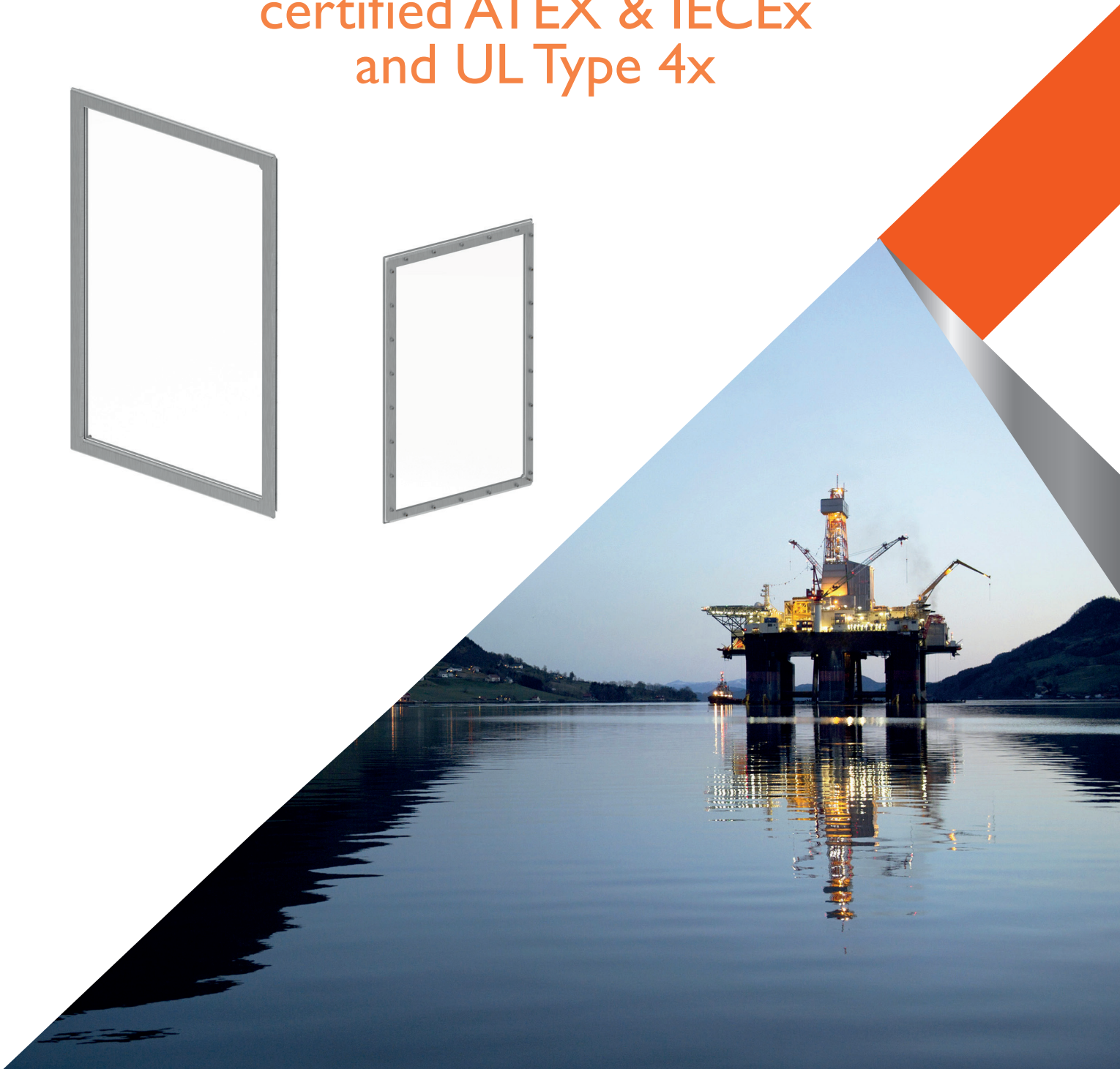
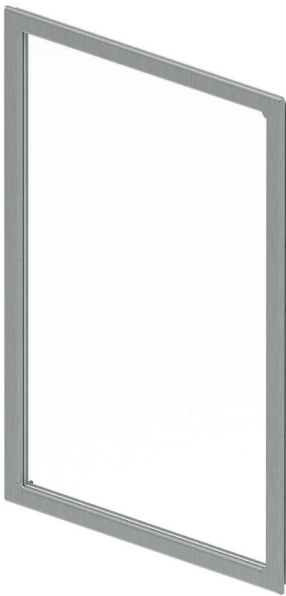




Enclosures & Cabinets for Special Requirements
comercial@delvalle.es | www.delvallebox.com

OBSERVATION WINDOW

certified ATEX & IECEx
and UL Type 4x





WE PUT AT YOUR DISPOSAL

We offer over **40 years** providing solutions to demanding customers who require very specific characteristics and behaviour according to the sector and their needs.

WHEREVER YOU GO

We are committed to working closely with our customers, providing them with **exceptional service** and offering an advanced and extensive range of products with very competitive prices.

HIGH STANDARD OF QUALITY AND SERVICES

We only use materials provided by companies who offer the very **highest quality**, suitable and certified products. Our success is due to top quality assurance: ISO 9001, SGS, UL, TÜV, ISO 14000 and Ohsas 18001.

CUSTOMIZE TOTALLY YOUR ENCLOSURE

Our production systems can give custom-made solutions **on demand**. Every colour from RAL chart is available to be personalized. A variety of protection standards thanks to our own painting facilities.

CONTACT US

Confidentiality, reliability & quality



Please contact our technical sales department.

A team of professionals with high experience and ability to solve all your queries.



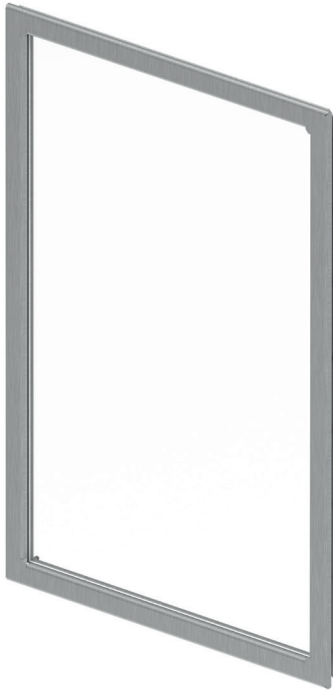
ALSO ONLINE

OBSERVATION WINDOW



certified ATEX & IECEX and UL Type 4x

Visibility and control without compromising security



Example

Windows made of tempered glass with ATEX & IECEX and UL Type 4X certifications. These windows are the ideal accessory for safely inspecting the interior of your electrical installations from the outside, without the need to open doors.

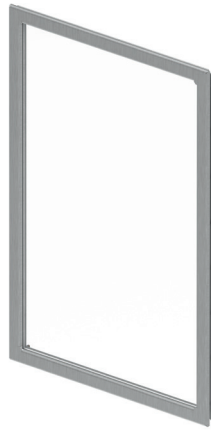
They are easy to install by fitting them into enclosure cutouts and securing with nuts and washers. Designed for use with increased safety enclosures for Zone 1 or Zone 2 assemblies, they are compatible with our Tribeca UL, Luxor UL, Tribex, and Luxorex enclosure series. Suitable for both indoor and outdoor applications, these windows provide high impact resistance and durability.



[CLICK HERE FOR MORE INFORMATION](#)



Observation window certified ATEX & IECEx and UL Type 4x



Example



TECHNICAL CHARACTERISTICS

The windows are constructed with a stainless steel frame and tempered glass, ensuring exceptional durability, versatility, and suitability for a wide range of environments.

- Temperature Range: $-45\text{ °C} \leq T_a \leq 135\text{ °C}$.
- Type 4X Certification: Ensures suitability for outdoor installation and provides a high level of watertightness. Ideal for Tribeca UL and Luxor UL enclosures.
- Explosive Atmospheres: Certified for use in explosive atmospheres classified as Zones 1, 2, 21, and 22. Recommended for use with Tribex or Luxorex series enclosures.

OPTIONS

- Customized Sizes: Available in a variety of dimensions to fit your requirements.
- Enhanced Protection: Designed for use in enclosures with specific protection modes.
- Control Stations: Can be used for maneuvering operations, integrating certified components for connection, control, and signaling.
- Intrinsically Safe Circuits: Suitable for connection of intrinsically safe circuits, though not for combined use with non-intrinsically safe circuits.

ADVANTAGES

- ATEX & IECEx Certified Component: Provides compliance and safety in hazardous environments.
- Corrosion Protection: Guaranteed long-term resistance to harsh conditions.
- Durability: Withstands aggressive ATEX & IECEx environments.
- Ground Connection: Equipped with an integrated grounding insert.
- High-Quality Silicone Gasket: Resistant to extreme temperatures (-45 °C to $+135\text{ °C}$).

PROTECTION MODE

OW windows are certified for use in potentially explosive atmospheres in Zones 1, 2, 21, and 22 under ATEX & IECEx standards. They can be used with the following protection modes:

- “Ex eb” Increased Safety: Includes increased safety connection terminals.
- “Ex tb” Protection by Enclosure: Ensures protection in dust-explosive environments.

Certified Classifications:

- II 2G Ex eb IIC Gb
- II 2D Ex tb IIIC Db
- UL Type 4X

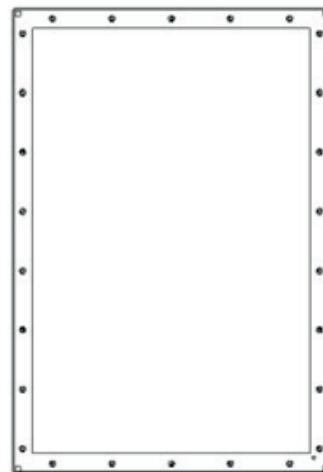
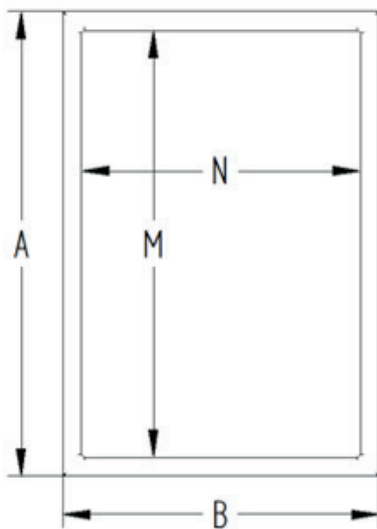
Observation window certified ATEX & IECEx and UL Type 4x

NORMATIVE COMPLIANCE

- Directive ATEX 2014/34/EU
- EN IEC 60079-0:2018
- EN IEC 60079-7:2015/A1:2018
- IEC 60079-0:2017
- IEC 60079-7:2015/AMD1:2017
- IEC 60079-31:2022
- UL 508A

PLANE

[CLICK HERE TO DOWNLOAD THE FILES CAD - PLANS - CERTIFICATES](#)



| REFERENCES | DIMENSIONS (mm) | | | | | | |
|------------|-----------------|----------|-----------|-------|---------------------|--------------------|-----------------|
| | REFERENCE | HIGH -A- | WIDTH -B- | DEPTH | INTERIOR HEIGHT -M- | INTERIOR WIDTH -N- | GLASS THICKNESS |
| OW1940EX | 190 | 140 | 32,5 | 125 | 75 | 6 | 170x120 |
| OW2920EX | 295 | 205 | 32,5 | 230 | 140 | 6 | 275x185 |
| OW2434EX | 245 | 345 | 32,5 | 180 | 280 | 6 | 225x325 |
| OW3927EX | 395 | 270 | 32,5 | 330 | 205 | 6 | 375x250 |
| OW2444EX | 245 | 445 | 32,5 | 180 | 380 | 6 | 225x425 |
| OW4934EX | 495 | 345 | 32,5 | 430 | 280 | 6 | 475x325 |
| OW2457EX | 245 | 575 | 32,5 | 180 | 510 | 6 | 225x555 |
| OW6544EX | 650 | 445 | 32,5 | 585 | 380 | 6 | 630x425 |
| OW2467EX | 245 | 675 | 32,5 | 180 | 610 | 6 | 225x655 |
| OW2480EX | 245 | 800 | 32,5 | 180 | 735 | 6 | 225x780 |
| OW8054EX | 800 | 545 | 32,5 | 735 | 480 | 6 | 780x525 |

Version: UL standard, Nema 4x Add "UL" to the reference. Ex "OW6544EXUL"

Offering possibilities, manufacturing solutions



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OUTDOOR ENCLOSURES



EX ATEX ENCLOSURES



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INDUSTRIAL ENCLOSURES



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Contact us, we will be available at any time.

