

B15 FIRE BACK BOX

2024 It is produced by KME Co., Ltd

CATALOGUE

B15 FIRE BACK BOX

The new **fire protection** cavity wall boxes for installation in ship walls.

Certified and designed for fast installation.



Company introduction

· History

- 2024 12 **Kaune** sole agency in South Korea.
- 07 **Astro** sole agency in Marine Segment.
- 07 **B-15 fire back box** achieves BV Certification for fire protection.
- 2023 12 Registered vendor to **KANGNAM** Shipbuilding.
- 09 Registered vendor to **MODEC**.
- 08 Registered vendor to **SEATRIUM**.
- 03 Establishment of **Unit Toilet Factory**.
- 2022 05 Registered vendor to **HSG Sungdong** Shipbuilding.
- 04 Acquired ISO 45001:2018 certification.
- Registered vendor to **DAE SUN** Shipbuilding & Engineering Co., Ltd.
- 02 Registered vendor to **Hyundai** Heavy Industries.
- 2021 09 Registered vendor to **Zvezda** Shipbuilding in Russia.
- 06 Development of **GRP Ex Junction Box** certification completed.
- 2020 06 Registered vendor to **Hanjin** Heavy Industries.
- 2019 10 Registered vendor to **Hyundai Mipo** Dockyard (HMD) Co., Ltd.
- 2014 06 Registered vendor to **DAEWOO** Shipbuilding & Marine Engineering Co., Ltd.
- Low Location Light for H.3401
- 2013 10 Registered vendor to **SAMSUNG** Heavy Industries Co., Ltd.
- 2009 02 **Established KME Co., Ltd.**



※ For more information visit h-kme.com

· Location



Busan (Head Office)

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Sasang-gu, Busan, South Korea



Gimhae (Office/factory)

25, Seobu-ro 1331 beon-gil, Juchon-myeon,
Gimhae-si, Gyeongsangnam-do, South Korea



KME Company Overview

KME is a company specialized in providing ship safety solutions for the maritime industry, offering a range of safety and convenience equipment, including the high-performance B-15 backbox, through custom product design and manufacturing.

KME prioritizes safety and efficiency in maritime environments, and is recognized in the global market through product development and technical support tailored to customer needs. Our goal is to provide the highest quality and safety, contributing to the advancement of the maritime industry.



Product Overview

■ The B-15 Backbox is a high-performance firewall product made from halogen-free materials, essential for protecting the safety of ships from fire and smoke. The integrated flame-retardant coating rapidly expands during a fire, sealing installation holes quickly and preventing the spread of fire within the vessel, offering optimal fire response.

■ This product is certified with a B-15 firewall rating and is designed to meet the high safety standards required in the maritime environment.

B-15 Backbox Features



Halogen-Free Material

Made from halogen-free materials, minimizing toxic gas production during a fire, protecting both the environment and users.



Flame-Retardant Coating

The coating expands in a fire to seal holes quickly, preventing the spread of flames and smoke, minimizing damage and harm.



Firewall Performance

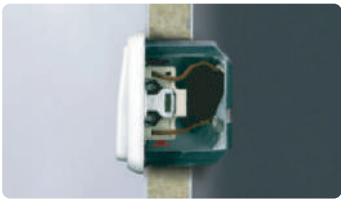
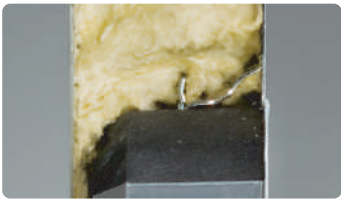
Provides 15 minutes of fire and smoke protection in a B-15 rated firewall, ensuring rapid response and safety for crew and passengers.

HWD B15 cavity wall box.

The new cavity wall boxes for mounting in ship walls without encasing.

The new cavity wall boxes for category B15 interfaces react to a fire extremely quickly. The integrated fire retardant agent “bubbles” and reliably closes the installation opening.

HWD B15 cavity wall boxes act as a screen on the fire and smoke side of the area to be protected while retaining the **B15 function of the fire protection wall**.



Installation in metal-covered walls



The metal-covered walls ensures fast and easy fitting by requiring a Ø 75 mm installation opening.



A maximum of two or four entries, each up to Ø 11.5 mm, can be assigned.



Ship Safety Certification Regulations

The product has been certified for the safety of ships.



BV
(Bureau Veritas)



MED
(Marine Equipment Directive)

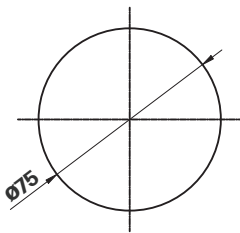


· Product Specifications



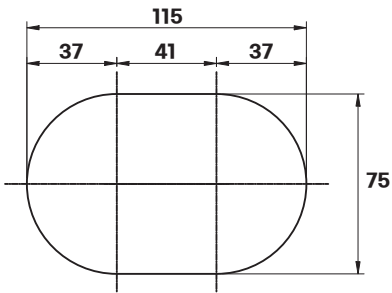
KB-15S
B15 FIRE BOX SINGLE

- Installation Width **74mm**
- Installation Height 74mm
- Installation Depth 44mm



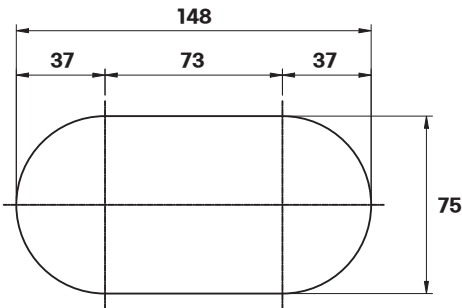
KB-15A
B15 FIRE BOX 3MODULE

- Installation Width **115mm**
- Installation Height 74mm
- Installation Depth 44mm



KB-15D
B15 FIRE BOX DOUBLE

- Installation Width **147.5mm**
- Installation Height 74mm
- Installation Depth 44mm



CUTTING
HOLE

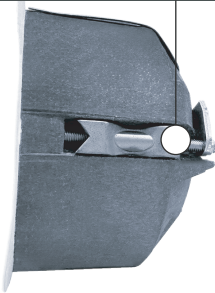
· Detail

It is made of special materials to prevent fire.



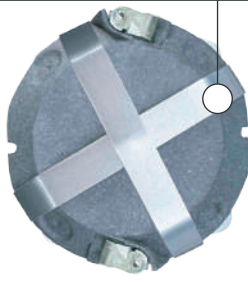
FRONT

Hold the wall when fixing screws.



SIDE

It holds the model of the product in case of fire.



BACK

Future-Oriented Vision

KME Co., Ltd. is committed to continuous research and development to improve safety and efficiency in the maritime industry.



Continuous Innovation

We will lead the advancement of the maritime industry by continuously developing new technologies and solutions.



Global Partnerships

Strengthening our global network to create value in various markets by collaborating with customers worldwide.

We prioritize customer safety and ensure a stable onboard environment by providing high-quality products that comply with strict fire protection standards.





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