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The Safer Option for your Fire Protection

Every building in the world is unique, but safety is the top priority. Text and photos courtesy of dormakaba.



Even as building designs become increasingly creative and abstract, the need for safety does not falter.

Each building has its purpose to fulfill and people to serve. However, all buildings have one thing in common; be it a skyscraper, airport, hospital, or a school, safety and security are top priorities for its inhabitants.

Although each leap in technological advancement forces developers, planners, and architects to push their designs to the next level, the requirement for occupant safety remains the number one priority of every construction project.



The safety of its inhabitants remains a priority for developers, planners, and architects.

Fire safety is a crucial component of these safety considerations. To increase the safety of buildings, there has been a continuous trend of stricter fire testing standards. In particular, an integral part of the fire protection of a building is the fire doors that need to be self-closing, in order to protect emergency exit pathways, contain dangerous smoke and remain impermeable to the ravaging fires.

dormakaba is at the forefront of this increasing trend of stricter fire safety requirements for hardware like door closers in order to safeguard lives and assets. As a trusted industry partner, dormakaba consistently aims to offer the highest levels of certification for their products to ensure optimal efficiency and performance. Through constant research and development, dormakaba's products and services continue to offer high standards of safety, security, and relevance.

In dormakaba's quest for ongoing improvement, their wide range of door closers for fire doors have now gained a crucial asset through their patented FPP and FRX technologies.



With dormakaba's patented FPP and FRX technology, buildings are now in safer hands.

Both technologies have been specially developed to optimise the consistency in the performance of dormakaba door closers in the event of a fire. During a fire, the surface temperature of a door, even the unexposed side, will rise reaching high levels very quickly. The patented Fire Protection Plate ensures that the door closer body is not affected by this intense heat, eliminating the potential for damage to the fire barrier and reducing the risk of fire and smoke spread through the building. The FRX design, on the other hand, is optimised with a unique hydraulic fluid to offer significantly higher fire resistance.

Not only do these dormakaba technologies allow their door closers to comply with standards worldwide, they are also able to meet the highest possible rating requirements of up to 4 hours, as tested on uninsulated metal doors to EN1634-1 under SS332:2018.

dormakaba's customers can rely on the promise that the door closers can be used at any fire door without the necessity of spending excess time and effort to detail fire rating requirements.

This simplifies construction planning, installation and can save lives in an emergency.

dormakaba listens to, and creates products to suit their customers' needs. More than anything, dormakaba prioritises their customers' safety and security. By ensuring their products and services stay up to date with industry standards, dormakaba's innovations will continue to serve and protect for generations to come.

Make the safest choice

Choose dormakaba's new FPP & FRX technology

As your trusted partner, dormakaba is aware of the continuously increasing trend of stricter fire safety standards for hardware such as door closers in order to safeguard lives and assets. As such, we consistently aim to offer the high levels of certification for our products to ensure optimal efficiency and performance.

In our quest for constant improvement, our wide range of door closers for fire doors have now gained a crucial asset through our patented FPP and FRX technologies.



new technology



new technology

Not only do these dormakaba technologies allow our door closers to comply with local standards worldwide, they are also able to meet the highest possible rating requirements of up to 4 hours, as tested on uninsulated metal doors to EN1634-1 under SS332:2018.

For more information, you can give us a call, drop us a message on our social media, or send us an email at info.ASEAN@dormakaba.com. We'll be happy to assist.

dormakaba
trusted access



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Our
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