



Andium Homes

EV fire-containment supporting safe, modern residential communities

Overview

Andium Homes is Jersey's largest provider of affordable housing, managing more than 4,900 properties and providing homes for over 10,000 islanders. It prides itself on its flexibility and ability to react swiftly to the changing needs of its residents. It is also committed to delivering optimum fire safety for everyone, including residents and employees.

The Challenge: EV Fire Risk in Residential Car Parks

Residential and mixed-use car parks increasingly accommodate electric vehicles that may be parked – or charging – for extended periods. While EV adoption brings clear benefits, lithium battery incidents introduce a new type of fire risk that housing providers need to plan for.

Andium Homes wanted to source an EV fire blanket to add to the existing fire safety equipment available across its resident and visitor car parks in Jersey – ensuring any EV fire incident could be managed quickly and safely by trained personnel until emergency services arrived.

Requirements and Technical Criteria

Following comprehensive research into the range of EV fire blankets available on the market, Andium Homes focused on solutions that demonstrated proven effectiveness in both open-air and underground car park environments.

Key requirements included:

- Demonstrated performance in residential car park settings
- Suitability for use in both open and enclosed/ underground parking areas
- Availability of dedicated storage boxes for safe, secure positioning on site
- Compliance with recognised standards to support regulatory obligations



Why Fire Cloak?

Fire Cloak™ EV Fire Blankets were selected by Andium Homes based on practical fit for residential environments, independently verified performance and ease of access:

Proven Performance and Rigour

Fire Cloak™ is trusted by both public and private organisations internationally to help mitigate EV fire risk in car parks – giving Andium Homes confidence it would perform reliably in residential and visitor parking settings.

Independent Testing and Certification

Andium Homes is subject to various car parking rules and regulations in relation to health and safety for those using and maintaining its facilities. Fire Cloak's DIN SPEC 91489:2024-11 certification was particularly well received, providing clear, auditable assurance against a recognised EV-specific benchmark.

Ease of Deployment

Each blanket can be supplied with its own storage box to support safe, secure positioning at each car park location, and to ensure the blanket is extremely quick and easy to access for trained personnel suspecting a potential EV fire risk.

Alongside the technical credentials, Fire Cloak™ represented excellent return on investment in terms of quality, efficiency and overall value.

Operational Use

Each Fire Cloak™ EV fire blanket is stored securely within its own dedicated storage box at Andium Homes car parks, ensuring clear visibility and rapid access when needed. In the event of a suspected EV incident, the blanket can be deployed quickly to help suppress and contain the situation, while professional firefighting crews are mobilised.

Knowing Fire Cloak™ is available on site provides reassurance and peace of mind for residents, visitors and the teams responsible for maintaining the car parks.

Results and Impact

Enhanced Residential EV Fire Preparedness

By introducing Fire Cloak™ EV fire blankets across its car parks, Andium Homes has strengthened its ability to contain a suspected EV incident quickly and effectively.

Reassurance for Residents and Visitors

The availability of dedicated EV fire-containment equipment within shared parking facilities provides reassurance to residents and visitors.

Demonstrated Commitment to Safety

The deployment of Fire Cloak™ underlines Andium Homes' focus on maintaining high standards of health and safety for residents, employees and the wider community.

Looking Ahead

The strategic deployment of EV fire blankets across Andium Homes' residential and visitor car parks represents a proactive and forward-thinking approach to risk management – one that prioritises resident safety, regulatory compliance and the protection of people and property within shared community spaces.

As the number of electric and hybrid vehicles owned by residents continues to increase, Fire Cloak remains committed to supporting housing providers with fit-for-purpose EV fire-containment solutions for residential environments.