

A1 FIRE RATED SYSTEMS



A1 FIRE RATED
NON-COMBUSTIBLE

Our range of **A1 rated systems** offer exceptional levels of choice, **fire safety** and durability



Innovation
Fuelled





At **K Systems**, we have developed high performing EWI solutions to suit every building and construction type. Our systems transform the outside of a property, with durable, low maintenance finishes, including renders, dash and a selection of brick finishes which are extensively tested and certified to deliver reliable results. Our new Direct Fix system is suitable for steel frame structures and available with a broad range of finishes including A1 fire rated render and brick slip options to add to our range of masonry systems.



Innovation Fuelled

Our versatile portfolio will suit any project's needs: New-builds or refurbishments which are low-rise or high-rise construction across health, leisure, education and housing sectors and are suitable for commercial, mixed-use and residential developments.

When designing and specifying the appropriate solution for a project, our technical team are here to support specifiers through the major decisions of the process. At K Systems we provide detailed, accurate and up to date information on our products performance from detailed NBS specifications and regulatory advice to safety and product datasheets and CAD drawings.

Our systems are available in a range of finishes and colours and we provide a free sample service, as well as project specific elevational colour schemes, to help you choose the perfect finish. Our EWI systems are fully tested and accredited to the latest standards, offering peace of mind when finding the ideal solution for any project.



A1 FIRE RATED SYSTEMS

Most high-rise buildings typically require A2-s1,d0 fire rating according to European Classification to BS EN 13501-1. We have a range of **A1 systems** to exceed the requirements and offer the highest level of fire protection and non-combustibility.

The Building Safety Act, a piece of landmark legislation, brought a primary focus on enhancing safety and accountability. Attention to fire safety is paramount for any high-rise building however even in lower rise buildings many specifiers want to ensure the systems they specify offer the highest rating of fire safety available.

K Systems has continued to innovate to offer a range of systems with a variety of durable and high quality render, brick and

dash finishes. We offer A1 rated dash and clay brick systems for masonry structures. The launch of a new **Direct Fix** system for steel frame structures, available in 4 different finish options including A1 rated render and clay brick slip finishes, has enhanced our range of A1 rated systems.



K Systems adopts a comprehensive approach to risk management, including :

- Fire & product testing & independent Agrément Certification
- Ensuring our products have all relevant accreditations
- High-rise specification protocol & writing service
- Site monitoring
- Client training & accreditation of Approved Installers

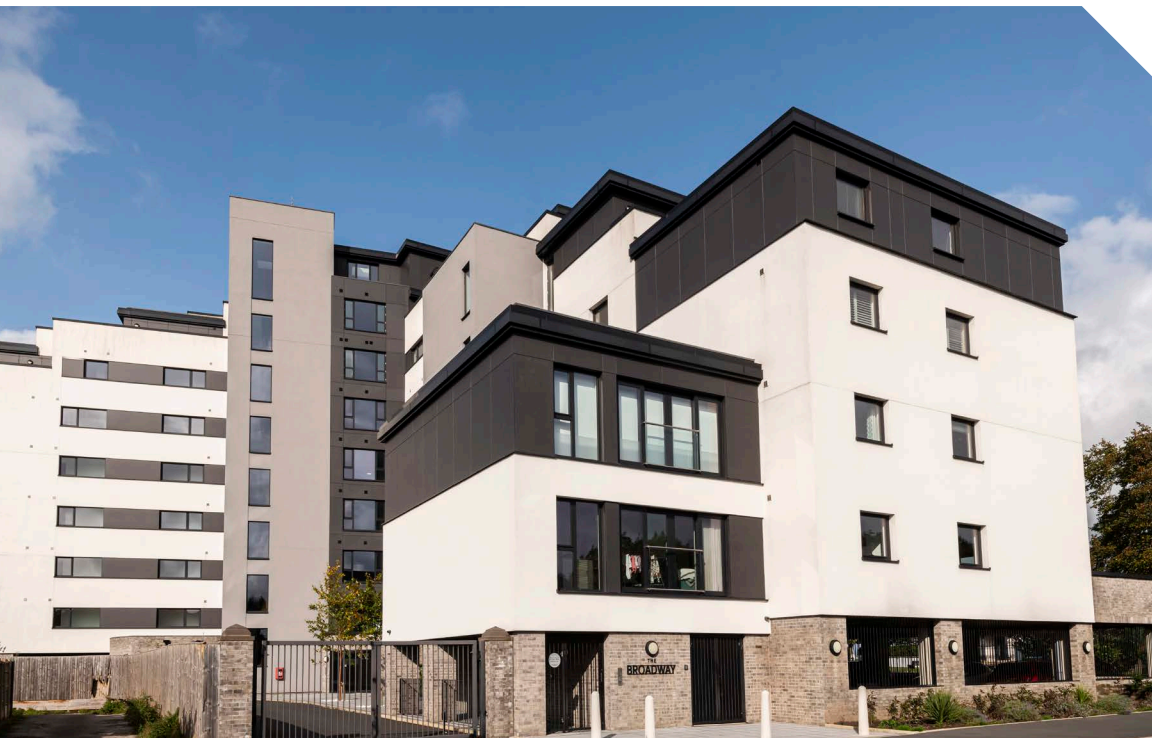
K Systems

Direct Fix

Designed for Performance



- KIWA BDA certified
- Ideal for low & high rise buildings
- Cost-efficient solution for steel frame structures
- Fewer components for a simpler install
- Widest range of brick & render finishes available
- Faster to install than a cavity containing EWI solution
- A1 fire rated thin coat renders & brick slip finishes available
- Suitable for new build & retrofit steel framed buildings



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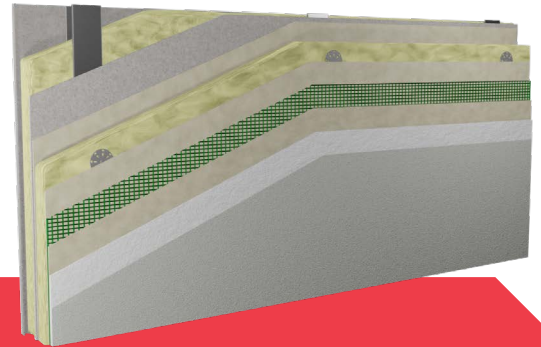
Direct Fix Steel Frame Finish Options

Mineral TC

Mineral Thin Coat Render

Mineral Thin Coat renders are cement based, silicone through-coloured renders, which only require mixing with water prior to use. Mineral TC is an A1 fire rated finish when used with mineral wool insulation.

The silicone within Mineral TC makes these renders an attractive and low maintenance finish option and can be hand or spray applied at temperatures as low as 5°C. Mineral TC offers up to 12 standard colours (bespoke options are available upon request).



BENEFITS

- A1 rated system offering the highest standards for fire safety
- KIWA certified
- Range of 12 standard colours, bespoke colours also available
- Silicone containing water repellent
- Polymer modified for flexibility & durability
- Suitable for new build & refurbishment projects
- Suitable for use on high-rise buildings

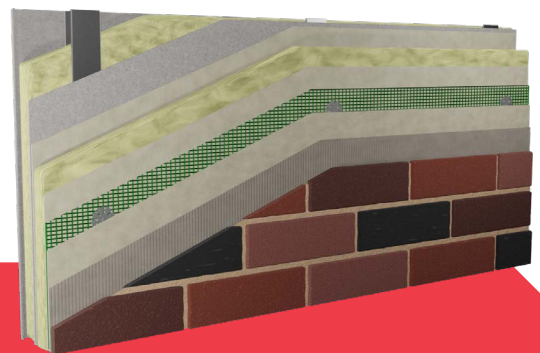
VBriQ+

Clay Brick System

VBriQ+ is a quick to install and cost-effective clay brick slip system. This finish is significantly lighter in weight but retains the look and feel of traditional clay bricks.

VBriQ+ offers a range of brick styles and colours to suit a specific project aesthetic or regional character. This finish option offers excellent durability and impact resistance.

VBriQ+ Clay Brick Slips achieve an A1 fire rating when used within the **Direct Fix M VBriQ+** EWI system.



BENEFITS

- A1 rated system offering the highest standards for fire safety
- Suitable for use on high rise buildings
- Traditional real clay brick finish
- More lightweight than traditionally built brick
- Easier and faster to install than traditionally built brick
- KIWA certified
- Durable finish offering category 1 impact resistance
- Standard range of brick slips available in stock

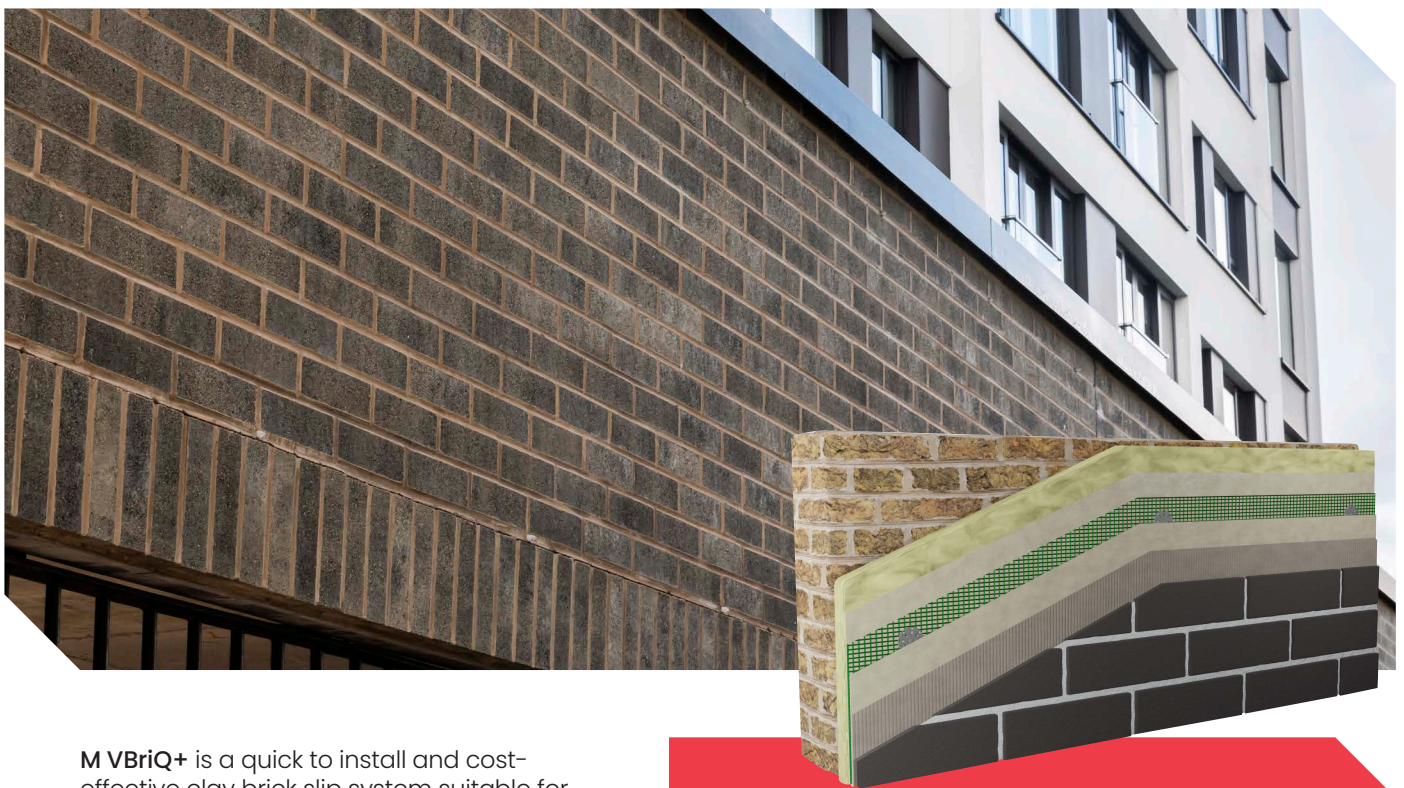


A1 Masonry Mineral Wool System with Clay Brick Finish

M

VBriQ+

Mineral Wool
Clay Brick System



M VBriQ+ is a quick to install and cost-effective clay brick slip system suitable for brick, block or concrete substrates. This finish is significantly lighter in weight but retains the look and feel of traditional clay bricks.

VBriQ+ offers a range of brick styles and colours to suit a specific project aesthetic or regional character. This finish option offers excellent durability and impact resistance.

VBriQ+ Clay Brick Slips achieve an A1 fire rating when used within the **K Systems M VBriQ+** EWI system.

BENEFITS

- A1 rated system offering the highest standards for fire safety
- Suitable for use on low & high rise buildings
- Traditional real clay brick finish
- More lightweight than traditionally built brick
- Easier and faster to install than traditionally built brick
- BBA certified
- Durable finish offering category 1 impact resistance
- Standard range of brick slips available in stock



A1 Masonry Mineral Wool System with Dash Finish

M Dash**Mineral Wool
Stone Chip System**

An A1 fire rated, non-combustible, classic finish for external façades.

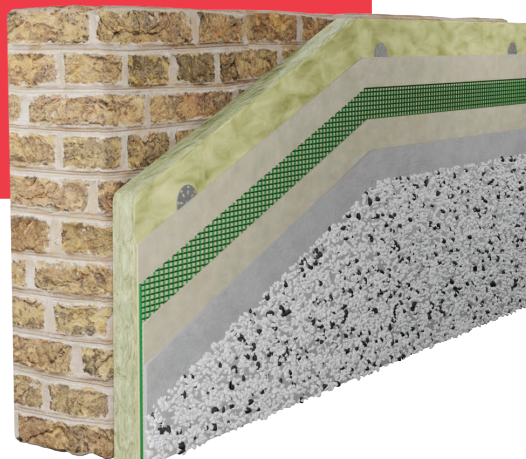
Our innovative A1 non-combustible dash protects and enhances architecture without compromise to style, value and lifespan. It is an extremely durable finish, used in conjunction with dash receiving renders to provide a robust, hard-wearing and low maintenance finish to any property.

Available in a range of contemporary and classic colours, dash offers modern or traditional aesthetics to suit all architectural styles.



BENEFITS

- Safe, low risk system with highest performance A1 fire rating
- Durable to weather & life with highest, Category 1, impact rating
- Use of non-combustible mineral wool insulation
- Classic dash render finish with contemporary colours & aesthetics
- Suitable for low & high-rise buildings
- BBA Approved
- PAS 2035 compliant details available
- 30 or 60 year system design-life options





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