



## **Kingwell Fibre Materials Co.,Ltd**

**5, Brand-New Smokeless Fire Hood, Future Standard Fire Hood, Fire hood for downlights, Acoustic Fire Hood, Fire cover, Refractory hood, Refractory cover**

**Peerless Advantages of Kingwell Unique Refractory Textile for Fire hoods**

**Background:** Fire resistance performance of building components, the Smoke Prevention performance will be a concern.

**When faced with a major fire, the irritating smoke and odor generated by combustion are unacceptable stimuli and threats to humans**

**The metal hood will Conduct Electricity, and difficult to cool, if big fire may cause explosion and the Metal hood is prone to falling and injuring people.**

**Sponge expansion bodies have poor temperature resistance and produce a high amount of volatile compounds during combustion.**

**None-metallic Fiber fabric based Fire hoods have the Advantage of being difficult to refuse:**

**Easy to fold and scale, convenient for flexible installation.**

**That's why? None-metallic fiber fire hood solution will be the first choice.**

**UK Regulation BS-476-31**

**European Regulation EN-1634-3**



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Tan color: Constant

Not easy to absorb moisture, No coating ash & Slightly anti-static

--- no possibility of installing discolored and contaminated ceilings

Strong Leading Market Position

Superior characteristics to all other competitions in the global market

When the fabric being Immersed in the major fire

Fireless

Smokeless

Odourless

None toxic VOC

Much Higher Temperature Resistance to common competitions

Heat, Flame, Fire, Molten Metal & Weld Splatter Protection

Super Excellent Electrical insulation performance (Fire resistant cable testing, after 800C.deg 90minutes rigorous testing, the Residual fiber Electrical Insulation performance is 400~600 times of similar mica materials )

Smooth and neat

Good Hand feels and Skin-friendly

Slightly anti-static

Extremely strong color fastness, as strong as its own natural color:Installation will not contaminate the ceiling

We are happy to popularize our Kingwell unique composite Refractory textile to re-define the market of various fire hoods and acoustic fire hoods.





Downlights, if not safely protected, can become a fire hazard as the whole cut in the ceiling to accomodate them compromises its fire resistance.

Fire hood is made from flexible, intumescent-coated Refractory textile, which has a variant that can house a transformer for low-voltage fittings.

UK current building and wiring regulations have meant firehoods have become a necessity. Not only does a Firehood seal to stop fire penetration into the ceiling void left by fittings for up to one hour, but in normal use also offers ventilation to prevent the light fitting from overheating.



**BS476 Part 22,23 Compliant**

Various shapes and dimensions can be customized on request, OEM service is available.

**Acoustic Firehood**

Acoustic Firehood also doubles as a sound proofing, minimising noise and vibrations.

Other features include:

- Reduce sound penetration
- Lightweight, easy to install with no extra support.
- Can be fitted from below
- Not affected by moisture (rot proof)
- Maintenance free



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