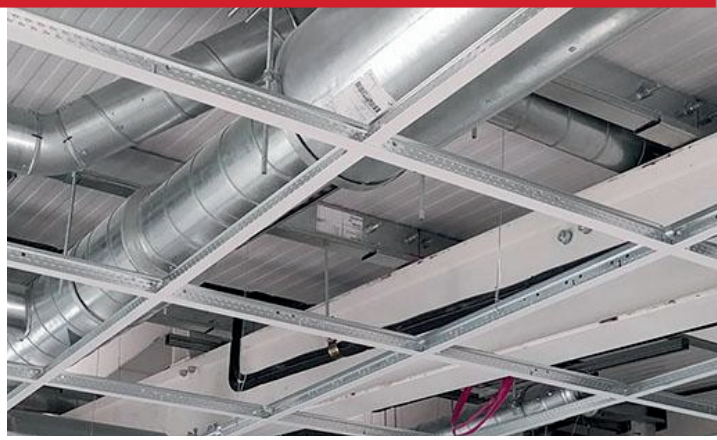
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# Apollo Lite 30:30 For Suspended Ceilings



## The risks above Suspended Ceilings

Suspended ceilings create hidden voids that, if left unprotected, can allow fire and smoke to spread rapidly throughout a building. These spaces often house mechanical and electrical (M&E) services, including electrical wiring, ventilation ducts, plumbing systems, and insulation materials, all of which can contribute to fire spread if not properly compartmentalised. Hot and cold-water pipes, drainage systems, HVAC ducting, and cable trays frequently pass through these concealed spaces, creating potential gaps where fire and smoke can travel undetected.

Hidden fire spread is a significant risk, as flames and smoke can move undetected above ceiling tiles, bypassing traditional fire barriers, and threatening life safety. The integrity of fire compartments can be compromised when penetrations, such as pipes, cables, ducts, and conduits, are not adequately sealed. Poorly installed or missing fire stopping allows fire and smoke to travel freely between compartments, increasing the risk of widespread damage and loss of life.

## FIREFLY®...a proven solution

**FIREFLY®** offers a comprehensive fire protection solution with Apollo Lite 30:30, a lightweight and flexible fire barrier designed to maintain fire compartmentation above suspended ceilings. A technical note written by **Kiwa provides detailed installation guidance for ensuring compliance with ceiling grid systems Technical Note Number 25406.**

Fully tested to **BS 476-22**, Apollo Lite 30:30 provides 30 minutes of Integrity and 30 minutes of Insulation, **ensuring compliance with UK Building Regulations**. The fire barrier is classified as **A1-rated (BS EN 13501:1)**, meaning it is non-combustible and does not contribute to fire growth. Its flexible and lightweight design allows for easy installation within ceiling voids, effectively sealing off concealed spaces and preventing fire spread through unprotected M&E penetrations.

## Complete fire protection with tested dampers

**FIREFLY®** Apollo Lite 30:30 and Zeus Lite 90:30 are fully tested to **EN 1366-2**, ensuring their effectiveness in maintaining compartmentation. When installed in combination with **CE-marked fire dampers, such as Actionair Smokeshield and BSB FD and FSD Series**, these fire barriers provide a robust and fully compliant fire safety system.

Fire dampers are critical for preventing fire and smoke movement through ventilation and ductwork systems. The use of Apollo Lite 30:30 alongside these dampers ensures that suspended ceiling voids do not become conduits for rapid fire propagation. This integration of fire barriers and dampers offers a tested and proven solution for controlling fire spread and maintaining compartmentation.

## Technical validation & compliance

1. CE marked to use with such as Actionair and BSB
2. **FIREFLY®** Apollo Lite 30:30 is fully certified by IFCC/Kiwa, offering industry-recognized fire protection performance. The solution is supported by Kiwa's technical expertise in fire safety, providing documented guidance for achieving compliant fire compartmentation within ceiling voids. A technical note from Kiwa has been developed to support the installation of Apollo Lite 30:30 onto ceiling grids Technical Note number 25406.

03/2024-1 - All FIREFLY™ cavity barrier products must be installed in compliance with the FIREFLY™ Installation Guide, which is provided upon request. For larger installations, refer to the relevant product drawings 017 & 018. Contact the manufacturer for clarification on non-standard installations. Deviation from these drawings should not be carried out without written authority from the FIREFLY™ Technical Department.

All figures quoted are nominal, believed to be true at the time of printing and are presented without guarantee. It is up to the user to determine the suitability of use.

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