

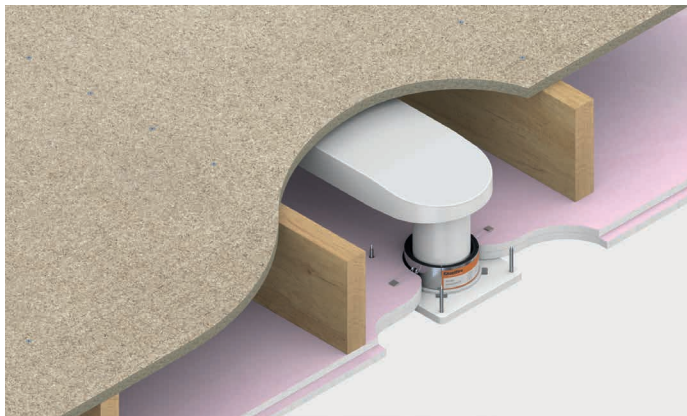
Quelfire CFC Ceiling Fan Cuffs prevent the spread of fire through ceilings where plastic ceiling fans penetrate the fire line plasterboard.

FEATURES & BENEFITS

- Tested generally in accordance with BS EN 1364-2: 2018 Fire Resistance Tests for non-loadbearing elements – Part 2: Ceilings and additional guidance from BS EN 1366-3: 2009. (Test Report WF424611)
- Up to 90 minutes Integrity and Insulation.
- Can be retrofitted.
- Suitable for a range of ventilation systems.



CFC Ceiling Fan Cuff



CFC Ceiling Fan Cuff installed - cross section

Tested on the following Extract Fan Units:

- Envirovent Profile 100 Fan
- Envirovent Silent 100 Fan
- Envirovent ECO dMEV Fan
- Domus SDF 100mm Axial Fan

COMPOSITION

The CFC Ceiling Fan Cuffs consist of a continuous pressed stainless steel flexible shell containing a high performance graphite based intumescent material which reacts under the influence of heat to exert pressure on the duct as it softens to form a carbonaceous char which provides an effective insulation plug thus preventing fire passing through to the adjoining compartment. The CFC has built in spring clips which hold it to the plasterboard ceiling.

PERFORMANCE

Product Code	PVC Duct Size (mm)	Recommended hole dia. (mm)	CFC Length (mm)	Fire Rating
CFC100	Ø100mm	Ø135mm	50mm	Up to 90 mins

APPLICATION / INSTALLATION

1. Cut the plasterboard aperture to Ø135mm around the Ø100mm PVC duct spigot.
2. Centralise the Ø100mm PVC duct spigot Within the hole.
3. From the underside push the Quelfire CFC100 up into the aperture around the PVC duct ensure the spring clip clamps fully back onto the plasterboard and that the Quelfire CFC100 is clamped tight in position.
4. Make sure the gap between the CFC100 and the plasterboard is clean of any debris and remove dust from all edges.
5. Seal the small gap between the CFC100 and the plasterboard with QuelStop Acrylic Sealant.
6. Install the ceiling fan to the plasterboard with correct screw fixings in accordance with the ceiling fan manufacturers requirements.

The CFC has been tested in the scenario shown on the specific manufacturers' fan units. The customer/installer should satisfy themselves, or consult a fire engineer that the product, test data available, standards to which the product is tested, fan units and ducting, floor/ceiling construction is applicable and satisfactory for their specific scenario as Quelfire are not able to comment on each and every scenario.

Terms and Conditions

Should you require any further information regarding this product, please do not hesitate to contact the technical department at Quelfire Ltd.

Tel: **0161 928 7308**. Email: technical@quelfire.co.uk

Please be aware that this document is intended for general information only and all details should be checked against all relevant supporting test evidence, certification and installation guidelines

Use of alternative components or deviations from the instructions in any way is likely to mean that the installation will not comply with the assessed rating.

Quelfire Ltd does not accept responsibility for the consequences of using Quelfire products in applications or for purposes not authorised by Quelfire Ltd. Expert advice should be sought where such applications are contemplated.

The policy of Quelfire Ltd is one of constant improvement. Installers should therefore ensure they are working from the latest published drawings and instructions. Whilst Quelfire will endeavour to keep its publications up to date, the accuracy of the information contained within this drawing may be affected by pertinent changes in the law or regulatory requirements and alterations or amendments to the specification of Quelfire products.

All information contained in this document is given in good faith and is provided for guidance only. Any drawings provided are for illustrative purposes only. As Quelfire Ltd has no control over the methods or competence of installation and of prevailing site conditions, no warranties, expressed or implied, is intended to be given as to the actual performance of the product mentioned or referred to herein and no liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given.

Quelfire is a Registered Trademark.

For full terms and conditions visit <https://quelfire.co.uk/terms-conditions-of-sale/>