

Quelfire QWW CE Marked Intuwra<sup>ps</sup> prevent the spread of fire through PVC, HDPE & PP pipes where they penetrate fire compartment floors.



QWW CE Marked Intuwraap



QWW CE Marked Intuwraap installed in concrete slab

## FEATURES & BENEFITS

- Tested to BSEN 1366-3: 2009
- Classified according to EN 13501-2: 2007 + A1: 2009
- CE Marked
- Up to 4 hour fire rating
- Suitable for PVC, PVC-U, PE, HDPE, MDPE & PP pipes
- Available for 32—160mm pipes
- Can be retrofitted
- No mechanical fixings required
- Performance unaffected by weathering (Type X Durability)

## COMPOSITION

The QWW CE Marked Intuwraap consist of a high performance graphite based intumescent material within a polythene cover which reacts under the influence of heat to exert pressure on the pipe as it softens to form a carbonaceous char which provides an effective insulation plug thus preventing smoke and fire passing through to the adjoining compartment. The QWW CE Marked Intuwraap have a self-adhesive tab which secures the wrap around the pipe.

## REGULATIONS

Building Regulations impose limitations on all pipes passing through fire compartment floors. QWW CE Marked Intuwraap allow plastic pipes to meet the requirements of the Building Regulations. QWW CE Marked Intuwraap have been tested according to BSEN 1366-3: 2009 where pipe diameters of up to 160mm have met insulation and integrity criteria for this standard for up to four hours.



The Warringtonfire Logo is used by Quelfire Limited in the United Kingdom under licence from Warringtonfire and is evidence that the products denoted as 'Tested by Warringtonfire' were tested to BSEN 1366-3: 2009 in England between September 22nd 2015 and June 21st 2019.



This product is CE Marked.

## DURABILITY

Tested to Type X durability which means the QWW CE Marked Intuwraap can be installed in conditions exposed to weathering. QWW CE Marked Intuwraap are expected to last the lifetime of the building.

## APPLICATION/INSTALLATION

QWW CE Marked Intuwrap should be placed around the plastic pipe and secured using the built in self-adhesive tab, with the lower edge of the Intuwrap level with the soffit of the floor. It is essential that there is no gap between the surrounding constructions. Any gaps should be grouted using the QF2 Fire Protection Compound.

## TECHNICAL SUPPORT & GUIDANCE

Should you require any further information regarding this product, please don't hesitate to contact Quelfire Ltd.

## PERFORMANCE

Product Code	Pipe Size mm	Approx. space needed around pipe to fit QWW (mm)	Recommended hole diameter (mm)	QWW Length (mm)	Fire Rating
QWW32/CE	32Ø	5	42Ø	60	Up to 4 Hours
QWW40/CE	40Ø	5	50Ø	60	Up to 4 Hours
QWW50/CE	50Ø	5	60Ø	60	Up to 4 Hours
QWW55/CE	55Ø	10	74Ø	60	Up to 4 Hours
QWW63/CE	63Ø	10	82Ø	60	Up to 4 Hours
QWW75/CE	75Ø	10	94Ø	60	Up to 4 Hours
QWW82/CE	82Ø	10	102Ø	60	Up to 4 Hours
QWW90/CE	90Ø	10	110Ø	60	Up to 4 Hours
QWW110/CE	110Ø	12	132Ø	60	Up to 4 Hours
QWW125/CE	125Ø	15	155Ø	60	Up to 4 Hours
QWW160/CE	160Ø	22	204Ø	60	Up to 4 Hours

**WARRANTY** The Company warrants its products to be free from defects in material and workmanship for a period of 12 months from the date of delivery. The Company's obligation under this warranty is limited, as its option, to the repair or replacement, free of charge, or refund of the net Invoiced price of any part found to be defective, and which, in the Company's opinion, has not been subject to undue wear and tear, accident, alteration, abuse or misuse. Consequent damages are expressly disclaimed. Technical advice from Quelfire whether verbal, in writing or by way of trials, is given in good faith but without warranty. The application, use and installation of the Company's products are beyond the control of the Company, and the purchaser is solely responsible that goods are fit for any particular purpose. In line with the Company's policy of continual research and development, product specifications and availability are subject to change or withdrawal without prior notice.

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