

WISECURE ACRYLIC SEALANT

# Firesecure now before it happens

The Wisecure PFP FR Acrylic can be used with a suitable filling material i.e. stone wool or Wisecure PFP FR backing material in order to secure correct width to depth ratio, and to reduce the shrinking of the sealant during curing. Minimum depth and maximum width of the joints are included in the installation instructions.



1 HOUR



UP TO EI 240



FOR INTERNAL  
USE



UP TO 12.5%



CE  
MARKED

**WISECURE**  
BEFORE IT HAPPENS

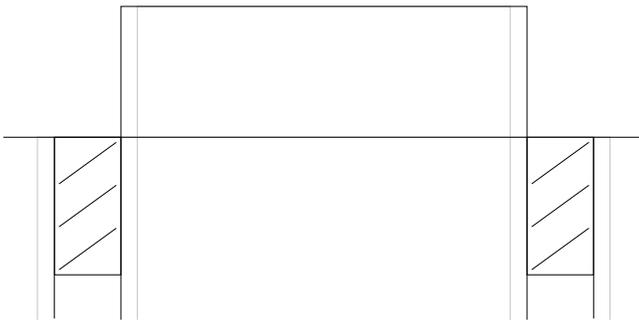
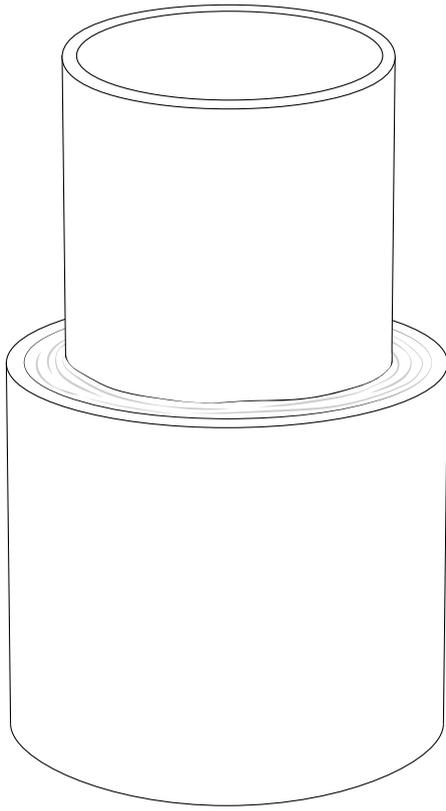
We believe in a future where no person needs to get harmed. The way we do that is by finding secure, safe and smart solution that prevents unnecessary accidents from happening, we sell great proactive solutions. Wisecure AB, Stuartsgatan 1, SE-504 68 Borås, +46(0)33-10 04 40, info@wisecure.se www.wisecure.se

# Save time and save life when every second counts

Designed to prevent the spread of fire and smoke through joints and openings in fire rated walls and floors (including openings formed around building service penetrations); the Wisecure PFP FR Acrylic will also maintain the acoustic design performance.

When subjected to atmospheric conditions, the sealant cures however, it will retain a degree of elasticity for joint movement. Under fire exposure, The Wisecure PFP FR Acrylic creates a robust fire seal by the formation of a durable intumescent char.

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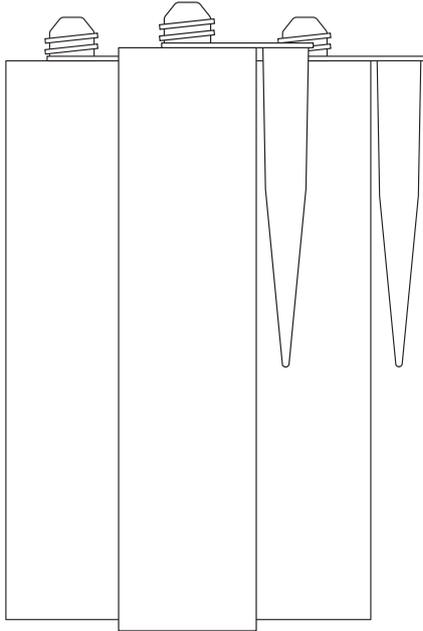
## INTENDED USE OF PIPE

## PIPE END CONDITION <sup>4)</sup>

RAINWATER PIPE, PLASTIC	AT DRAINAGE	U/U 1)
	NOT AT DRAINAGE	C/C 2)
DRAINAGE OR SEWAGE PIPE, PLASTIC	VENTILATED DRAIN	U/U 1)
	UNVENTILATED DRAIN	U/C 1)
	DRAIN W/WATER TRAP	U/C 1)
	NOT AT DRAINAGE	C/C 2)
PIPE IN CLOSED CIRCUIT (WATER, GAS, AIR, ELECTRICITY ETC.)		C/C 2) 3)
FLUE GAS RECOVERY SYSTEM PIPE, PLASTIC		U/C 1)
PIPE WITH OPEN ENDS AND ≥ 50CM LENGTH ON BOTH SIDES, PLASTIC		U/U 2)
PIPE SUPPORTED BY SUSPENSION SYSTEM, METAL	FIRE RATED SUPPORT	C/U 1)
	NON-FIRE RATED	U/C 1)
WASTE DISPOSAL SHAFT PIPE, METAL		U/C 1)

1) Suggested in EN 1366-3:2009. 2) Wisecures judgment based on tests.

3) Metal pipes should have fire rated support. 4) U/U classified fire seals cover C/U, U/C and C/C. C/U classified fire seals cover U/C and C/C. U/C classified fire seals cover C/C.



# The safe intumescent acrylic sealant

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**Condition:** High end formula, certified worldwide

**Product usage:** Classified for fire sealing all types of construction and building service penetrations

**Sound-proofing:** Very high insulation

**Emissions:** Environmentally and user friendly

**Performance:** Simple to apply with a smooth surface finish

**Material flexibility:** Accommodate movement up to 12.5%

**Preparatory work:** No priming necessary

**Area of use:** For most surfaces such as concrete, masonry, steel, gypsum, glass, plastics and most non-porous surfaces

**Drying time:** Hardens quickly, tack free after 1 hour

**Storage time:** 18 months storage time (under correct conditions)

## Mounting instructions

1. Before installing Acrylic sealant ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease.

2. Where the acrylic is to be installed against surfaces that cannot tolerate direct contact; appropriate surface preparation should be made (contact Wisecure for guidance in these cases). For paints sensitive to sealing compounds, priming with a PVA primer is recommended.

3. As the product is water based, in cases where corrosion protection is a problem; some metals may require a barrier between the sealant and the metal surface prior to this installation.

4. When installing the sealant in gypsum boards, the exposed edges of the board can be wetted with water, or the Acrylic diluted with water to prime the surfaces helping adhesion and preventing excessive joint shrinkage.

5. When installing the acrylic in hollow floor slabs or boards, fire seals specified as single sided should be installed from the soffit side of the floor assuming there is sufficient thickness of concrete below the void to follow the installation guide. Where this is not the case, tubular voids should be filled with stone wool normally the same thickness as the depth of

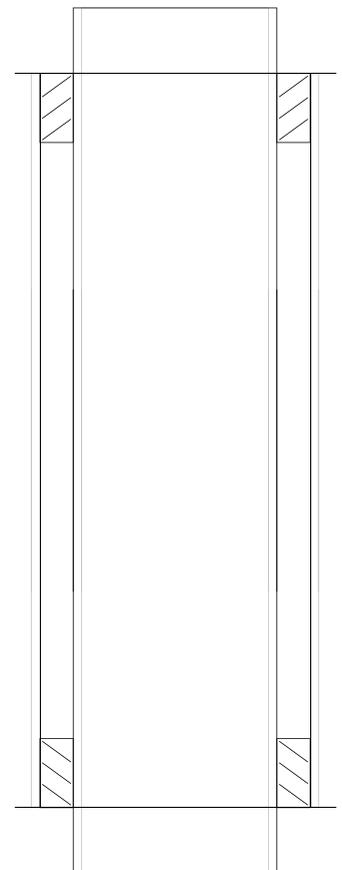
the floor slab. Alternatively, simply fire seal on both sides.

6. When installing any backing material, cut this slightly oversize and insert into the gap ensuring a tight friction fit. Ensure correct depth is achieved.

7. Fill the gap or joint with Acrylic to the required depth. Refer to the drawings on following pages 2 to 21 for guidance on joint design/dimensions. If installation does not have to meet any specific fire specification, it is recommended that a width to depth ratio of 2:1 is utilized, with a minimum depth of 12mm of sealant.

8. Apply the sealant generously to prevent air bubbles. Finish the bead with a moist spatula, pallet knife or brush.

9. Wisecure PFP FR Acrylic can be over-painted with most emulsion or alkyd (gloss) paints.



## PRODUCT AVAILABILITY

PROD CODE	PRODUCT DESCRIPTION	COLOUR	SIZE
AFPPACW	WISECURE PFP FR ACRYLIC - CARTRIDGES	WHITE	310 ML

## TO ORDER & SPECIFY

Please contact us and quote the following information - Quantity / Product Code / Product Description / Size Typical example:- 25 / AFPPACW / Wisecure PFP FR Acrylic - Cartridges / 310 ml

Tel: 033-10 04 40 or Email: [info@wisecure.se](mailto:info@wisecure.se)

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## INSTALLATION

We have technical representatives who provide assistance in the selection and specification of the products on this site and should be consulted for exact installation and product suitability. Ensure an early engagement with ourselves, designers, main contractor and specialist installers before any installation. Other trades and/or manufacturers may need to be consulted. For in-depth information, specification and technical advice please call our Head Office on tel 033-10 04 40 or email [info@wisecure.se](mailto:info@wisecure.se)

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## MAINTENANCE

All interested parties, designer, specifier, main contractor and specialist installers should provide access to allow the fire stopping seals to be regularly inspected and maintained, as well as records kept of such maintenance at minimum periods of 12 months, as required by the Regulatory Reform Order, and repaired if necessary. Reference should be made to ASFP TGD 17 – Code of Practice for the Installation and Inspection of Fire Stopping.

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## COMPETENCY

It is vital that those entrusted to design or install a fire stopping product have the necessary levels of competence to undertake the task professionally and thoroughly. The level of competency required will be commensurate with the expected complexity of the building. All designers must eliminate, reduce or control foreseeable risks that may arise during installation, construction or maintenance when preparing or modifying designs. Clients should ensure that the principal designer and principal contractor carry out their duties under CDM regulations. The ASFP foundation course in passive fire protection provides essential knowledge as part of demonstrating competency and understanding in this key fire protection specialism.

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## ADDITIONAL NOTES

Please refer to the ETA sheet for fields of application for this product. For further information on installation requirements please refer to the pipe manufacturer data and wall specification to ensure the compatibility of this product, if in doubt please contact the technical team with services and wall specification on: tel 033-10 04 40 or email [info@wisecure.se](mailto:info@wisecure.se)

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# No firebreach, always firesecure

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