



# FIRESTOP CENTRE

Authorised New Zealand Distributor  
Ph (09) 483 4000 www.firestopcentre.co.nz

## Step-by-step installation instructions:

1. Cut one revolution of AGNI-Shield with a 50mm overlap to fit around the pipe. For 100mm diam pipe cut a second revolution.

Pipe diameter in mm	AGNI-Shield width
25	150
50	150
100	300 ( x2 )

2. Cut one (or two) revolution(s) of an AGNI-Sleeve of the same width to fit around the pipe.
3. Attach AGNI-Sleeve to the inside of the AGNI-Shield using staples to create AGNI-Shield-AGNI-Sleeve sandwich.
4. Wrap the AGNI-Shield and AGNI-Sleeve sandwich around the pipe and secure using 2 x AGNI-Straps, fixed approx 25mm from the top and bottom; for DN100mm pipe use a third AGNI-Strap in the middle.
5. Push AGNI-Shield - AGNI-Sleeve sandwich into the aperture recessed 13mm (nominal) from the surface of the ceiling.
6. Apply AGNI-Seal into the aperture 13mm (nominal) deep and finish flush with the surface of the ceiling.

## Technical Information

Substrate	<ul style="list-style-type: none"> <li>Plasterboard ceiling: Min. 1 layer of 13mm &amp; 16mm FR plasterboard and min. 92mm steel joist</li> </ul>
Service range	From DN25mm up to DN100mm copper or steel pipes
Annular gap	25mm - 13.2-14mm 50mm - 13.6 - 16.2 100mm - 23.6 - 24mm
AGNI-Products	AGNI-Shield, AGNI-Sleeve, AGNI-Strap, AGNI-Seal
Protection installation	Asymmetrical

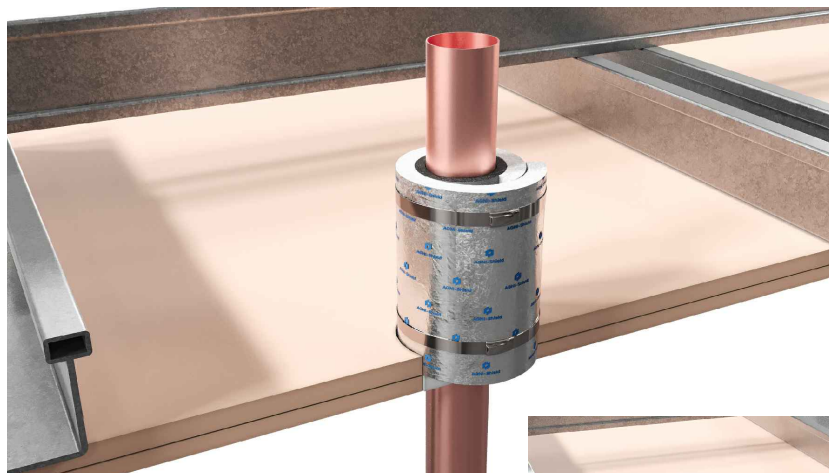
### Disclaimer

Agnitek reserves the right to modify product specifications without prior notice due to its ongoing research, development & certification programme. The information in this document is provided in good faith and is intended for guidance purposes only. Any accompanying drawings are solely for illustrative purposes. Since Agnitek cannot oversee installation methods or ensure site conditions, no warranties, expressed or implied, are intended regarding the products' actual performance. We do not accept liability for any loss, damage, or injury from using this information. Please take a look at the test reports displayed on a relevant AGNI-System webpage for all compliance specifics.

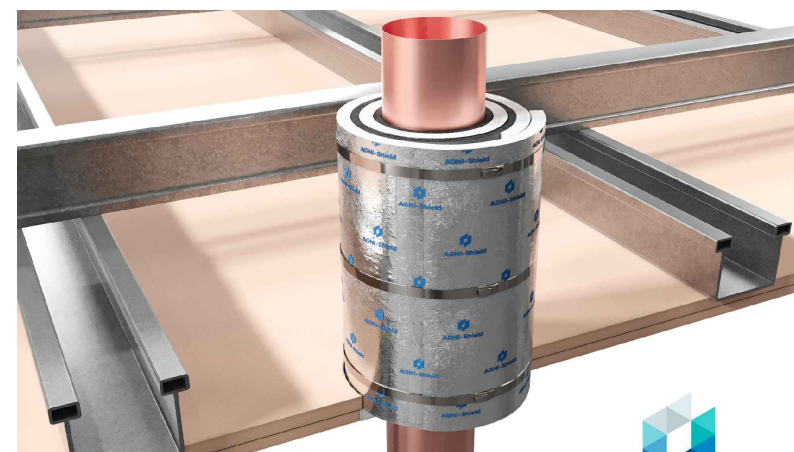
## AGNI-Sleeve/AGNI-Shield in 1x13mm + 1x16mm Plasterboard Ceiling Copper or Steel Pipes 25mm-100mm

System ID# FC555

FRR -/60/30



FRR -/60/45



## Compliance Information

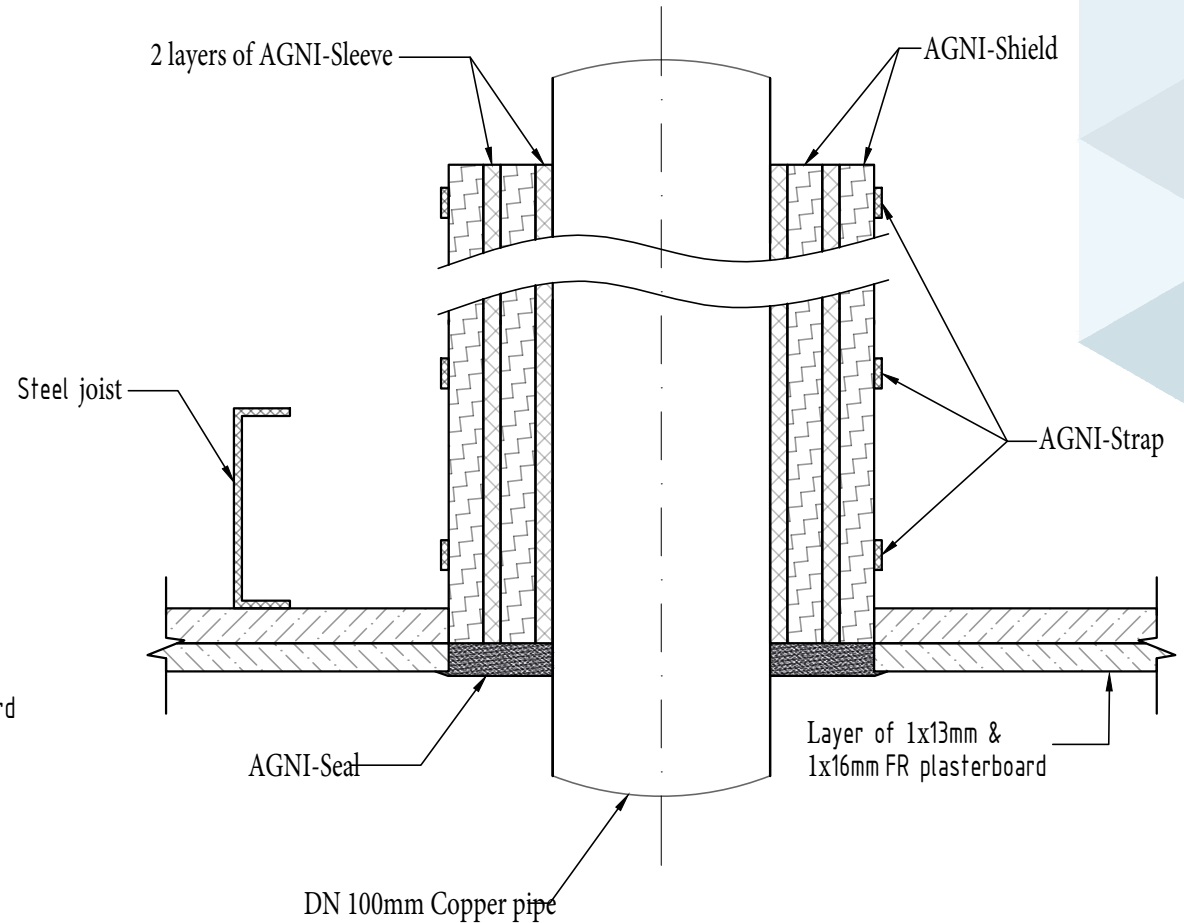
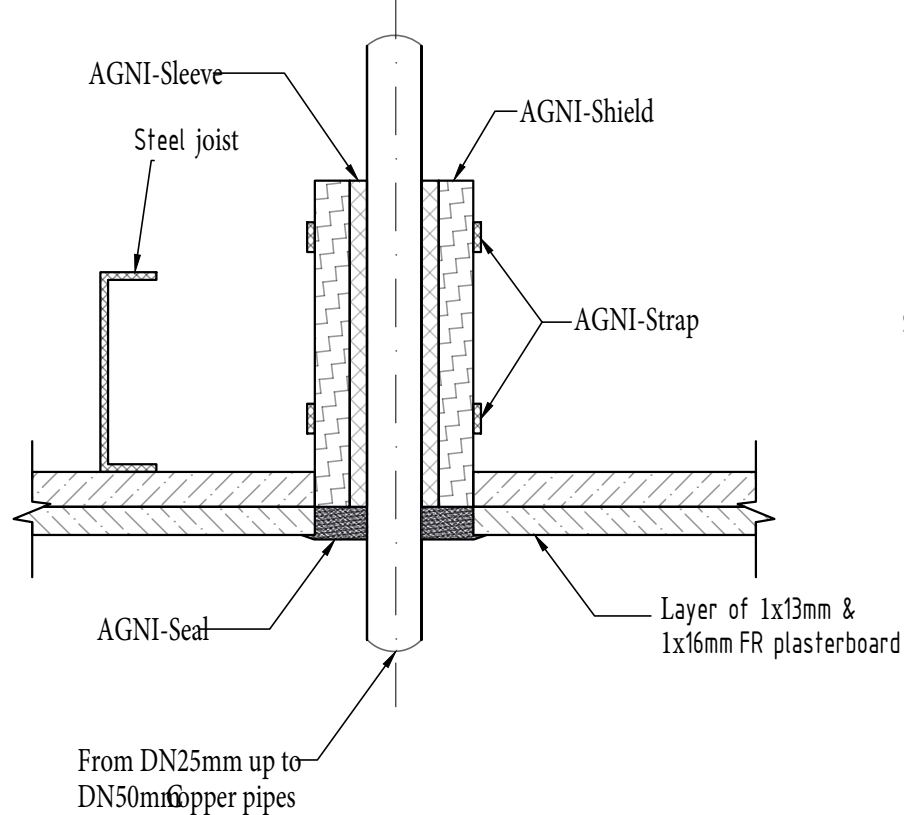
Standards	AS1530.4-2014, AS4072.1-2005
FRR/FRL	25mm - /60/30 50mm - /60/30 100mm - /60/45
Resistance to incipient spread of fire (RISF)	60min
Reference	RIRF25003



**Agnitek**  
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Date 03.04.2025



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