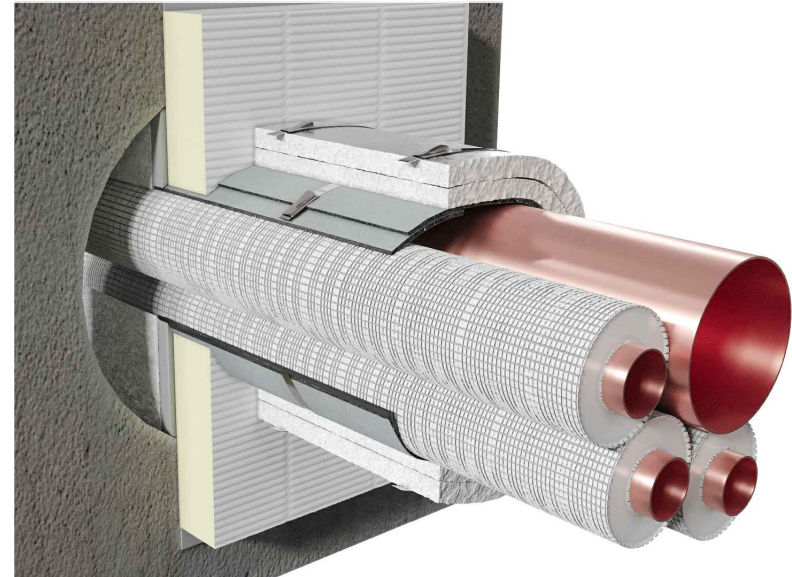


AGNI-System №AE-045

Step-by-step installation instructions:

1. Ensure the aperture is free from dust and debris.
2. Install AGNI-Sleeve around the bundle and loosely tighten the steel ties around it.
3. Position the AGNI-Sleeve within the wall, aligning the end stripes on the AGNI-Sleeve with the surface of the wall on either side of the wall.
4. Tighten the steel ties until the AGNI-Sleeve fits snugly around the bundle.
5. Install ceramic fibre to the annular gap, allowing for a 10mm sealant depth on either side of the wall.
6. Fill the annular gap with AGNI-Seal.
7. Install an AGNI-Board pattress frame around the bundle, allowing for a 100mm overlap onto the wall. Fix using concrete anchors and washers.
8. Apply AGNI-Seal to AGNI-Board joins and the annular gap around the bundle in the AGNI-Board.
9. Apply AGNI-Coat to the edges of AGNI-Board and fixings.
10. Wrap 2× layers of 300mm-wide AGNI-Shield around the bundle, allowing a 10mm overlap.
11. Fix AGNI-Shield with an AGNI-Strap at mid-width.
12. Apply a bead of AGNI-Seal at the AGNI-Shield to the AGNI-Board junction.



Technical Information

System ID	AE-045
Substrate	≥150mm concrete wall
Service type	3× Pair Coil + 1× 50NB Copper pipe
Size	Pair Coil Overall Width/Height (W/H): 68mm × 38mm PE Thickness (T): 8.5mm Copper Pipe Inner diameter (ID): 50mm Outer diameter (OD): 54mm Thickness (T): 1.5mm
Annular gap	Min: 10 mm Max: 55mm
AGNI-Products	AGNI-Board, AGNI-Coat, AGNI-Seal, AGNI-Shield, AGNI-Sleeve, AGNI-Strape
Protection installation	Symmetrical

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.

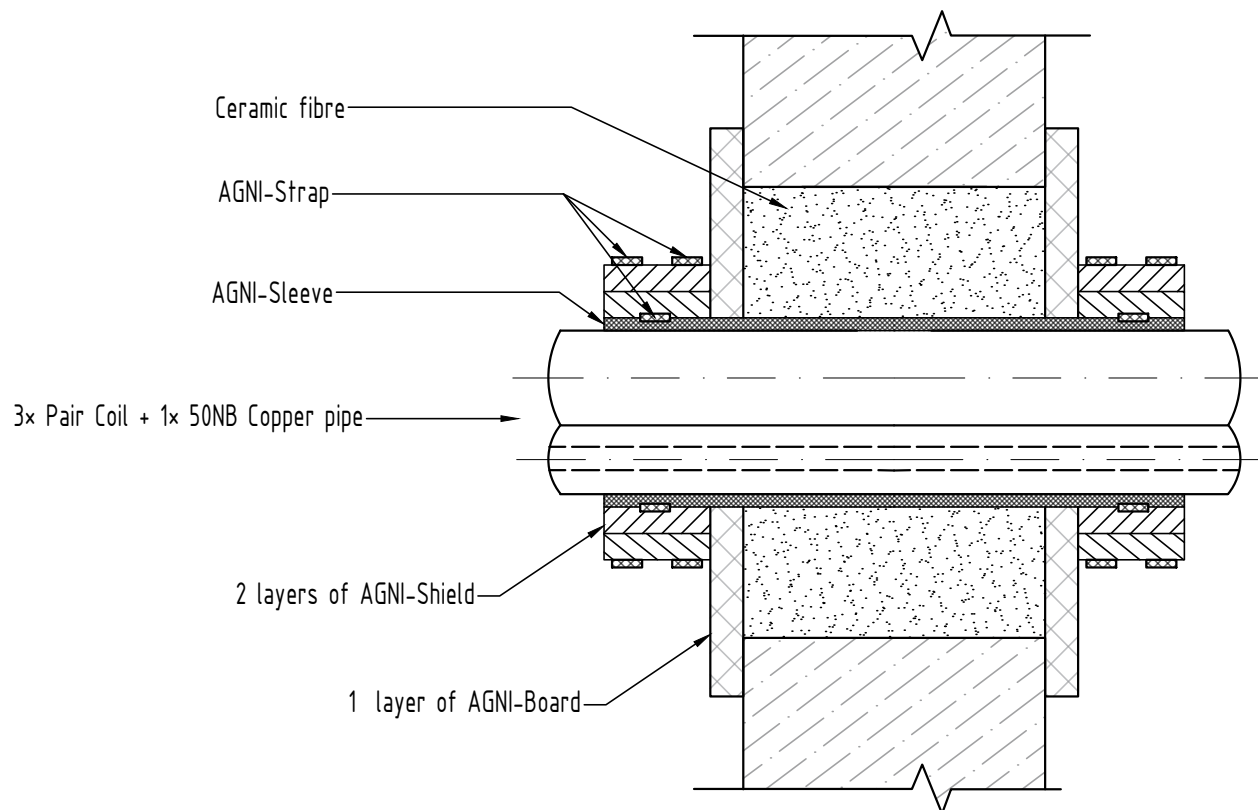
Compliance Information

Standards	AS1530.4-2014, AS4072.1-2005
FRR/FRL	-/60/60
Reference	PF24039



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Date	10.05.2024
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