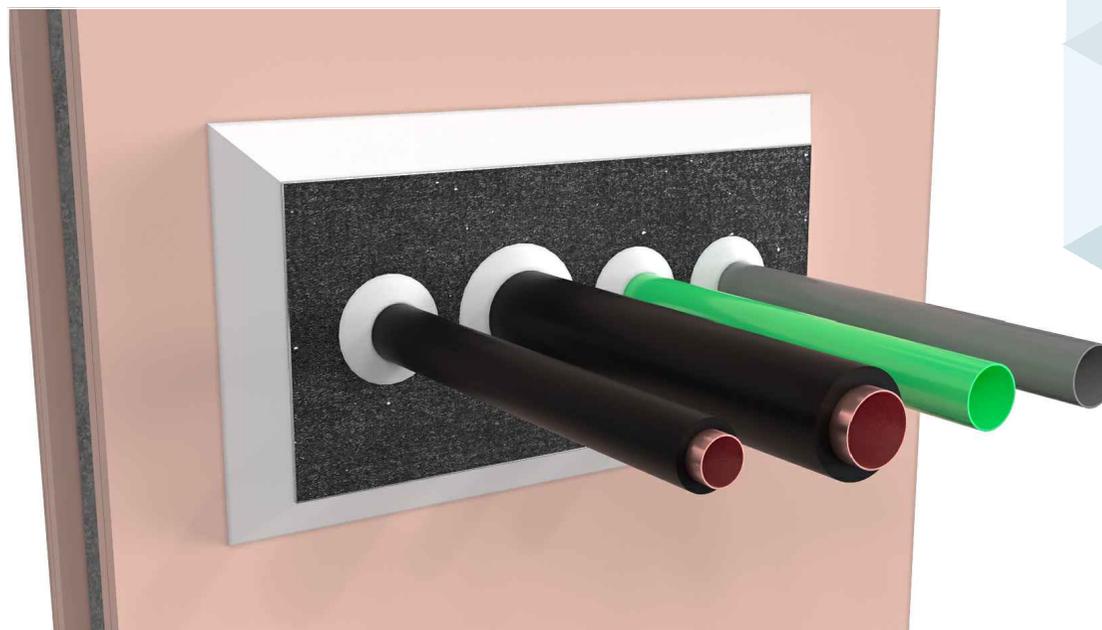


# AGNI-System №ABX-149

## Step-by-step installation instructions:

1. Build 64mm steel stud frame (300mm wide x 151mm high) in the centre of the cavity for a tight fit of the AGNI-Box.
2. Install and secure the AGNI-Box to the steel stud frame through predrilled holes, using 41mm screws on each of the four sides of the AGNI-Box.
3. Install the services passing through the AGNI-Box.
4. Cut the foam face to fit around these services.
5. Apply a 40mm x 40mm AGNI-Seal fillet/cone around the outside edges of the AGNI-Box.
6. Apply 10mm (nominal) AGNI-Seal to seal between the services and the foam face of the AGNI-Box.



### Technical Information

System ID	ABX-149
Substrate	<ul style="list-style-type: none"> <li>• Min. 64mm steel / timber stud wall with a minimum of two layers of 13mm (or greater) FR plasterboard on each side, with or without insulation.</li> <li>• Min. 116mm concrete wall/masonry wall/block wall</li> </ul>
AGNI-Box services	DN25mm copper pipe with Armaflex insulation DN50mm copper pipe with Armaflex insulation DN32mm PP-R pipe DN32mm C-PVC pipe
Annular gap	0 - 5mm
AGNI-Products	AGNI-Box, AGNI-Seal
Protection installation	From both sides of the wall

### Compliance Information

Standards	AS1530.4-2014, AS4072.1-2005
AGNI-Box system FRL/FRR	<b>-/120/90</b>
AGNI-Box services FRL/FRR	DN25mm copper pipe with Armaflex insulation <b>-/120/90</b> DN50mm copper pipe with Armaflex insulation <b>-/120/90</b> DN32mm PP-R pipe <b>-/120/120</b> DN32mm C-PVC pipe <b>-/120/120</b>
Reference	PF24126

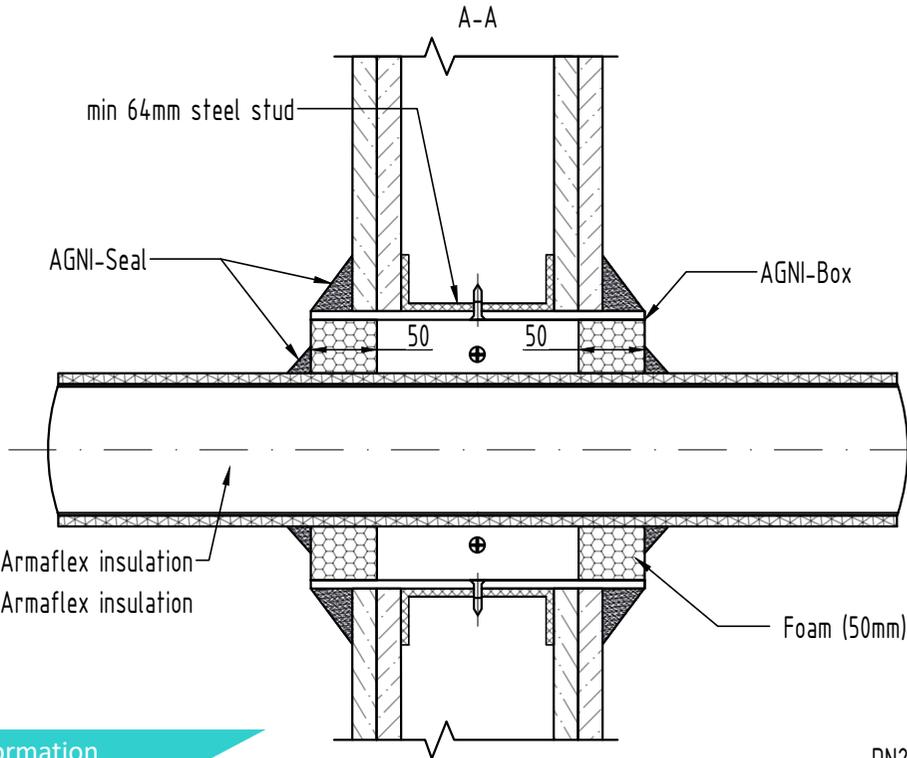


**Agnitek**<sup>®</sup>  
FIRE RATED TECHNOLOGY

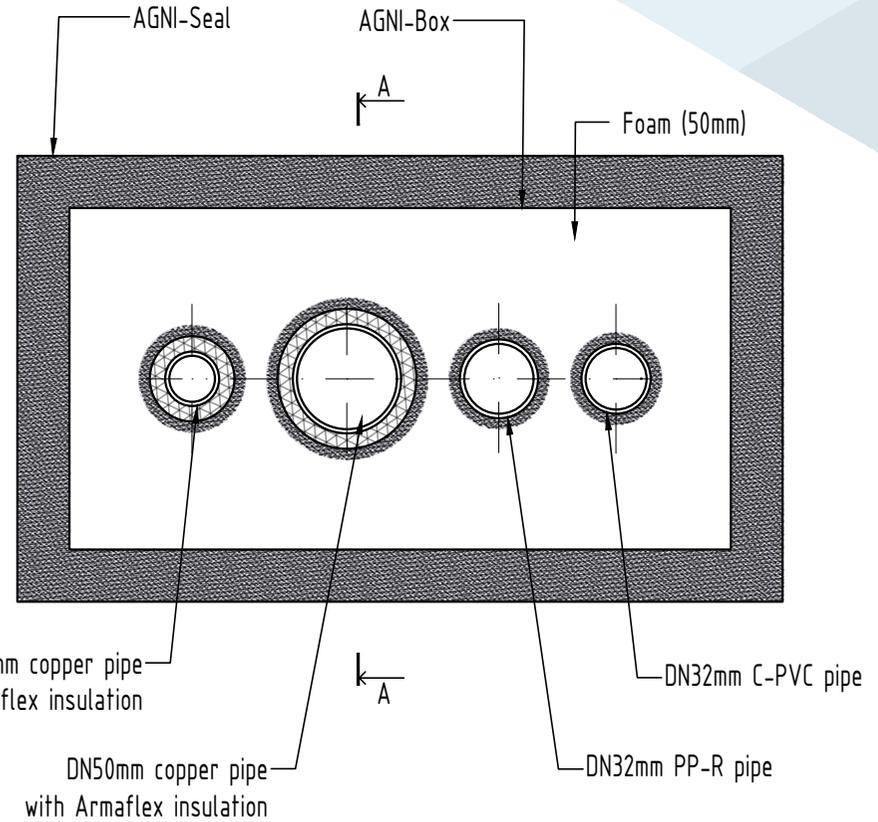
8 Clare St Bayswater  
VIC 3153, AUSTRALIA  
+61 (03) 7045 4242  
info@agnitek.com.au  
www.agnitek.com.au

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.

Date	01.01.2025
------	------------



- DN25mm copper pipe with Armaflex insulation
- DN50mm copper pipe with Armaflex insulation
- DN32mm PP-R pipe
- DN32mm C-PVC pipe



**Technical Information**

System ID	ABX-149
Substrate	<ul style="list-style-type: none"> <li>• Min. 64mm steel / timber stud wall with a minimum of two layers of 13mm (or greater) FR plasterboard on each side, with or without insulation.</li> <li>• Min. 116mm concrete wall/masonry wall/block wall</li> </ul>
AGNI-Box services	DN25mm copper pipe with Armaflex insulation DN50mm copper pipe with Armaflex insulation DN32mm PP-R pipe DN32mm C-PVC pipe
Annular gap	0 - 5mm
AGNI-Products	AGNI-Box, AGNI-Seal
Protection installation	From both sides of the wall

**Compliance Information**

Standards	AS1530.4-2014, AS4072.1-2005
AGNI-Box system FRL/FRR	<b>-/120/90</b>
AGNI-Box services FRL/FRR	DN25mm copper pipe with Armaflex insulation <b>-/120/90</b> DN50mm copper pipe with Armaflex insulation <b>-/120/90</b> DN32mm PP-R pipe <b>-/120/120</b> DN32mm C-PVC pipe <b>-/120/120</b>
Reference	PF24126



**Agnitek**<sup>®</sup>  
FIRE RATED TECHNOLOGY

8 Clare St Bayswater  
VIC 3153, AUSTRALIA  
+61 (03) 7045 4242  
info@agnitek.com.au  
www.agnitek.com.au

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.

Date	01.01.2025
------	------------