

GROUND GAS RESISTANT MEMBRANE INSPECTION RECORD

Project:	VICTORIA AVENUE, BLACKLEY
Project No:	3951
Plot No. Inspected:	11
Date of Inspection:	12/12/2023
Inspected By:	PSP
Inspection Method:	VISUAL AND PICK TESTING



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INSPECTED ITEM	YES/NO	COMMENTS	PHOTOGRAPHED YES / NO
Identification Identify that the correct membrane has been used, including sealing / jointing tape and pre-formed components e.g. tophats, corners.	Y	Visqueen 'Gas Barrier' membrane 'Pro Detailing Strip' Pre-formed top hats Double sided jointing tape	Y
General Condition Inspect the general condition of the membrane for rips, tears and punctures.	Y	Membrane recently installed in good condition. No holes, rips or tears.	Y
Jointing Check that all jointing has been carried out to the manufacturer's specification.	Y	Hand welded jointing to a good standard.	Y
Installation Check that the membrane has been installed correctly across cavities, including correct jointing in these areas.	Y	Sufficient lap covering cavity. Corners installed correctly.	Y
Top Hat Installation Check that top hats have been correctly installed around service entries, including jubilee clip around pipe and correct lapping and jointing to membrane at base.	Y	Service penetrations sealed with top hats reinforced with detailing strip to enhance the stability around perimeter of "brim" and around top of pipe.	Y
Vent Installation Check that vents have been installed around the perimeter of the building in sufficient number and in the correct locations, including inspecting the condition i.e. not blocked or otherwise restricted.	Y	Sufficient air brick openings and telescopic vents, some front fascia to be installed	Y
Pressure Relief / Passive Venting Check the presence of a vented void / pressure relief pathway, including measuring that this is of a sufficient depth and not been filled or otherwise compromised. Check that internal sleeper walls are also vented to provide adequate flow-through within the void so that none of the walls are blocking off unvented sections within the void.	Y	>150mm clear void.	N

This Plot has PASSED / FAILED inspection.

Additional inspection visit IS/ IS NOT required for this plot.

Engineer: Paul Speakman.....

Signed:

PHOTOGRAPHS



Figure 1 – General view of the plot. Sufficient coverage of cavities.



Figure 2 – Sufficient vents. Front fascia to be installed as brickwork progresses



Figure 3 – Corners installed using detailing tape giving sufficient coverage of cavities



Figure 4 – Sufficient cavity cover.



Figure 5 – Hand Welded Seams



Figure 6 – Service entries sealed and secure.

GROUND GAS RESISTANT MEMBRANE INSPECTION RECORD

Project:	VICTORIA AVENUE, BLACKLEY
Project No:	3951
Plot No. Inspected:	12
Date of Inspection:	12/12/2023
Inspected By:	PSP
Inspection Method:	VISUAL AND PICK TESTING



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INSPECTED ITEM	YES/NO	COMMENTS	PHOTOGRAPHED YES / NO
Identification Identify that the correct membrane has been used, including sealing / jointing tape and pre-formed components e.g. tophats, corners.	Y	Visqueen 'Gas Barrier' membrane 'Pro Detailing Strip' Pre-formed top hats Double sided jointing tape	Y
General Condition Inspect the general condition of the membrane for rips, tears and punctures.	Y	Membrane recently installed in good condition. No holes, rips or tears. Installers on site during inspection.	Y
Jointing Check that all jointing has been carried out to the manufacturer's specification.	Y	Hand welded jointing to a good standard.	Y
Installation Check that the membrane has been installed correctly across cavities, including correct jointing in these areas.	Y	Sufficient lap covering cavity. Corners installed correctly.	Y
Top Hat Installation Check that top hats have been correctly installed around service entries, including jubilee clip around pipe and correct lapping and jointing to membrane at base.	Y	Service penetrations sealed with top hats to a good standard	Y
Vent Installation Check that vents have been installed around the perimeter of the building in sufficient number and in the correct locations, including inspecting the condition i.e. not blocked or otherwise restricted.	Y	Sufficient air brick openings and telescopic vents, some front fascia to be installed	Y
Pressure Relief / Passive Venting Check the presence of a vented void / pressure relief pathway, including measuring that this is of a sufficient depth and not been filled or otherwise compromised. Check that internal sleeper walls are also vented to provide adequate flow-through within the void so that none of the walls are blocking off unvented sections within the void.	Y	>150mm clear void.	N

This Plot has PASSED / FAILED inspection.

Additional inspection visit IS/ IS NOT required for this plot.

Engineer: Paul Speakman.....

Signed:

PHOTOGRAPHS



Figure 1 – General view of the plot. Sufficient coverage of cavities.



Figure 2 – Sufficient vents. Front fascia to be installed as brickwork progresses



Figure 3 – Corners installed using detailing tape giving sufficient coverage of cavities



Figure 4 – Sufficient cavity cover, and partial overview



Figure 5 – Hand Welded Seams



Figure 6 – Service entries sealed and secure.

GROUND GAS RESISTANT MEMBRANE INSPECTION RECORD

Project:	VICTORIA AVENUE, BLACKLEY
Project No:	3951
Plot No. Inspected:	13-14
Date of Inspection:	05/09/2023
Inspected By:	PSP
Inspection Method:	VISUAL AND PICK TESTING



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INSPECTED ITEM	YES/NO	COMMENTS	PHOTOGRAPHED YES / NO
Identification Identify that the correct membrane has been used, including sealing / jointing tape and pre-formed components e.g. tophats, corners.	Y	Visqueen 'Gas Barrier' membrane 'Pro Detailing Strip' Pre-formed top hats Double sided jointing tape	Y
General Condition Inspect the general condition of the membrane for rips, tears and punctures.	Y	Membrane in good condition. No holes.	Y
Jointing Check that all jointing has been carried out to the manufacturer's specification.	Y	Hand welded jointing. gaps found in jointing at corners and edge of detailing strip. Correctly patched and witnessed during inspection.	Y
Installation Check that the membrane has been installed correctly across cavities, including correct jointing in these areas.	Y	Sufficient lap covering cavity. Corners installed correctly.	Y
Top Hat Installation Check that top hats have been correctly installed around service entries, including jubilee clip around pipe and correct lapping and jointing to membrane at base.	Y	Additional tape added to perimeter of top hats to reinforce the stability. Completed under supervision.	Y
Vent Installation Check that vents have been installed around the perimeter of the building in sufficient number and in the correct locations, including inspecting the condition i.e. not blocked or otherwise restricted.	Y	Sufficient air brick openings and telescopic vents	Y
Pressure Relief / Passive Venting Check the presence of a vented void / pressure relief pathway, including measuring that this is of a sufficient depth and not been filled or otherwise compromised. Check that internal sleeper walls are also vented to provide adequate flow-through within the void so that none of the walls are blocking off unvented sections within the void.	Y	>150mm clear void.	N

This Plot has PASSED / FAILED inspection.

Additional inspection visit IS/ IS NOT required for this plot.

Engineer: Paul Speakman.....

Signed:

PHOTOGRAPHS



Figure 1 – General view of the plot. Sufficient coverage of cavities.



Figure 2 – Sufficient vents.



Figure 3 – Corners installed using detailing tape giving sufficient coverage of cavities



Figure 4 – Sufficient vents.



Figure 5 – Hand Welded Seams

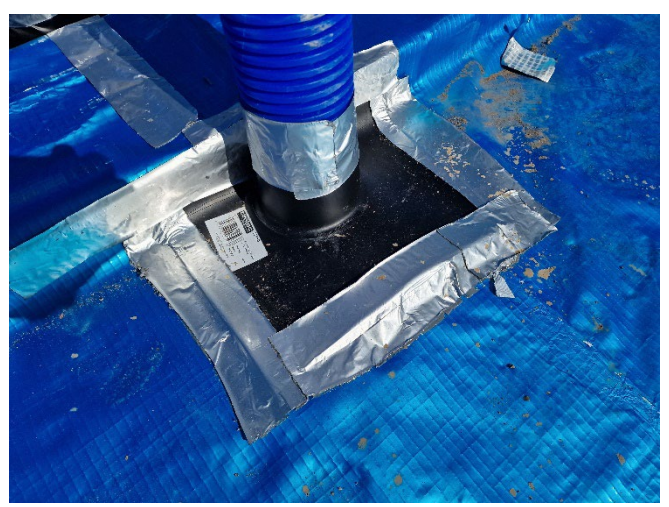


Figure 6 – Service entries sealed and secure.

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Project:	VICTORIA AVENUE, BLACKLEY
Project No:	3951
Plot No. Inspected:	15-16
Date of Inspection:	11/08/2023
Inspected By:	AE
Inspection Method:	VISUAL AND PICK TESTING

INSPECTED ITEM	YES/NO	COMMENTS	PHOTOGRAPHED YES / NO
Identification Identify that the correct membrane has been used, including sealing / jointing tape and pre-formed components e.g. tophats, corners.	Y	Visqueen 'Gas Barrier' membrane 'Pro Detailing Strip' Pre-formed top hats Double sided jointing tape	Y
General Condition Inspect the general condition of the membrane for rips, tears and punctures.	Y	One hole in membrane on previous visit. Correctly patched on return visit.	Y
Jointing Check that all jointing has been carried out to the manufacturer's specification.	Y	Hand welded jointing. 14 gaps found in jointing on previous visit. Correctly patched on return visit.	Y
Installation Check that the membrane has been installed correctly across cavities, including correct jointing in these areas.	Y	Sufficient lap covering cavity. Gaps in 3 corners on previous visit. Correctly patched on return visit.	Y
Top Hat Installation Check that top hats have been correctly installed around service entries, including jubilee clip around pipe and correct lapping and jointing to membrane at base.	Y	Gaps in the bases of all 6 top hats on previous visit. Correctly patched on return visit.	Y
Vent Installation Check that vents have been installed around the perimeter of the building in sufficient number and in the correct locations, including inspecting the condition i.e. not blocked or otherwise restricted.	Y	Sufficient air bricks installed and openings through internal walls present.	Y
Pressure Relief / Passive Venting Check the presence of a vented void / pressure relief pathway, including measuring that this is of a sufficient depth and not been filled or otherwise compromised. Check that internal sleeper walls are also vented to provide adequate flow-through within the void so that none of the walls are blocking off unvented sections within the void.	Y	>150mm clear void.	N

This Plot has PASSED / FAILED inspection.

Additional inspection visit ~~IS~~ IS NOT required for this plot.

Engineer: Andrew Edwards.....

Signed: 

PHOTOGRAPHS



Figure 1 – General view of the plot. Sufficient coverage of cavities.



Figure 2 – Sufficient vents can be seen (every 2m).



Figure 3 – Gaps in corners correctly patched.



Figure 4 – Gaps in welding have been correctly patched.



Figure 5 – Gaps in service entries have been correctly sealed.



Figure 6 – Joints are hand welded.

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Project:	VICTORIA AVENUE, BLACKLEY
Project No:	3951
Plot No. Inspected:	17
Date of Inspection:	11/08/2023
Inspected By:	AE
Inspection Method:	VISUAL AND PICK TESTING

INSPECTED ITEM	YES/NO	COMMENTS	PHOTOGRAPHED YES / NO
Identification Identify that the correct membrane has been used, including sealing / jointing tape and pre-formed components e.g. tophats, corners.	Y	Visqueen 'Gas Barrier' membrane 'Pro Detailing Strip' Pre-formed top hats Double sided jointing tape	Y
General Condition Inspect the general condition of the membrane for rips, tears and punctures.	Y	Two holes in membrane on previous visit. Correctly patched on return visit.	Y
Jointing Check that all jointing has been carried out to the manufacturer's specification.	Y	Hand welded jointing. 14 gaps found in jointing on previous visit. Correctly patched on return visit.	Y
Installation Check that the membrane has been installed correctly across cavities, including correct jointing in these areas.	Y	Sufficient lap covering cavity. Gaps in 3 corners on previous visit. Correctly patched on return visit.	Y
Top Hat Installation Check that top hats have been correctly installed around service entries, including jubilee clip around pipe and correct lapping and jointing to membrane at base.	Y	Gaps in the bases of 4 top hats on previous visit. Correctly patched on return visit.	Y
Vent Installation Check that vents have been installed around the perimeter of the building in sufficient number and in the correct locations, including inspecting the condition i.e. not blocked or otherwise restricted.	Y	Sufficient air bricks installed and openings through internal walls present.	Y
Pressure Relief / Passive Venting Check the presence of a vented void / pressure relief pathway, including measuring that this is of a sufficient depth and not been filled or otherwise compromised. Check that internal sleeper walls are also vented to provide adequate flow-through within the void so that none of the walls are blocking off unvented sections within the void.	Y	>150mm clear void.	N

This Plot has PASSED / FAILED inspection.

Additional inspection visit IS/ IS NOT required for this plot.

Engineer: Andrew Edwards.....

Signed: 

PHOTOGRAPHS



Figure 1 – General view of the plot. Sufficient coverage of cavities.



Figure 2 – Sufficient vents can be seen (every 2m).



Figure 3 – Gaps in corners correctly sealed.



Figure 4 – Multiple gaps found in hand welded jointing were correctly patched.



Figure 5 – Gaps in service entry bases correctly sealed.



Figure 6 – Joints and corners are hand welded.

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Project:	VICTORIA AVENUE, BLACKLEY
Project No:	3951
Plot No. Inspected:	18-19
Date of Inspection:	11/08/2023
Inspected By:	AE
Inspection Method:	VISUAL AND PICK TESTING

INSPECTED ITEM	YES/NO	COMMENTS	PHOTOGRAPHED YES / NO
Identification Identify that the correct membrane has been used, including sealing / jointing tape and pre-formed components e.g. tophats, corners.	Y	Visqueen 'Gas Barrier' membrane 'Pro Detailing Strip' Pre-formed top hats Double sided jointing tape	Y
General Condition Inspect the general condition of the membrane for rips, tears and punctures.	Y	Two holes in membrane on previous visit. Correctly patched on return visit.	Y
Jointing Check that all jointing has been carried out to the manufacturer's specification.	Y	Hand welded jointing. One gap found in jointing on previous visit. Correctly patched on return visit.	Y
Installation Check that the membrane has been installed correctly across cavities, including correct jointing in these areas.	Y	Sufficient lap covering cavity. Corners installed correctly.	Y
Top Hat Installation Check that top hats have been correctly installed around service entries, including jubilee clip around pipe and correct lapping and jointing to membrane at base.	Y	Gaps in the bases of 2 of 6 top hats on previous visit. Correctly patched on return visit.	Y
Vent Installation Check that vents have been installed around the perimeter of the building in sufficient number and in the correct locations, including inspecting the condition i.e. not blocked or otherwise restricted.	Y	Sufficient air bricks installed and openings through internal walls present.	Y
Pressure Relief / Passive Venting Check the presence of a vented void / pressure relief pathway, including measuring that this is of a sufficient depth and not been filled or otherwise compromised. Check that internal sleeper walls are also vented to provide adequate flow-through within the void so that none of the walls are blocking off unvented sections within the void.	Y	>150mm clear void.	N

This Plot has **PASSED / FAILED** inspection.

Additional inspection visit ~~IS~~ IS NOT required for this plot.

Engineer: Andrew Edwards.....

Signed: 

PHOTOGRAPHS



Figure 1 – General view of the plot. Sufficient coverage of cavities.



Figure 2 – Sufficient vents can be seen (every 2m) – air bricks to be added to periscopic vents.



Figure 3 – Corners installed correctly using hand welding and detailing tape.



Figure 4 – Membrane in good condition.



Figure 5 – Service entries patched correctly.



Figure 6 – Joints are hand welded.

GROUND GAS RESISTANT MEMBRANE INSPECTION RECORD

Project:	VICTORIA AVENUE, BLACKLEY
Project No:	3951
Plot No. Inspected:	20-21
Date of Inspection:	11/08/2023
Inspected By:	AE
Inspection Method:	VISUAL AND PICK TESTING



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INSPECTED ITEM	YES/NO	COMMENTS	PHOTOGRAPHED YES / NO
Identification Identify that the correct membrane has been used, including sealing / jointing tape and pre-formed components e.g. tophats, corners.	Y	Visqueen 'Gas Barrier' membrane 'Pro Detailing Strip' Pre-formed top hats Double sided jointing tape	Y
General Condition Inspect the general condition of the membrane for rips, tears and punctures.	Y	Membrane in good condition. No holes.	Y
Jointing Check that all jointing has been carried out to the manufacturer's specification.	Y	Hand welded jointing. Three gaps found in jointing on previous visit. Correctly patched on return visit.	Y
Installation Check that the membrane has been installed correctly across cavities, including correct jointing in these areas.	Y	Sufficient lap covering cavity. Corners installed correctly.	Y
Top Hat Installation Check that top hats have been correctly installed around service entries, including jubilee clip around pipe and correct lapping and jointing to membrane at base.	Y	Gaps in the bases of all 6 top hats on previous visit. Correctly patched on return visit.	Y
Vent Installation Check that vents have been installed around the perimeter of the building in sufficient number and in the correct locations, including inspecting the condition i.e. not blocked or otherwise restricted.	Y	Sufficient air bricks installed and openings through internal walls present.	Y
Pressure Relief / Passive Venting Check the presence of a vented void / pressure relief pathway, including measuring that this is of a sufficient depth and not been filled or otherwise compromised. Check that internal sleeper walls are also vented to provide adequate flow-through within the void so that none of the walls are blocking off unvented sections within the void.	Y	>150mm clear void.	N

This Plot has **PASSED** / **FAILED** inspection.

Additional inspection visit ~~IS~~ IS NOT required for this plot.

Engineer: Andrew Edwards.....

Signed: 

PHOTOGRAPHS



Figure 1 – General view of the plot. Sufficient coverage of cavities.



Figure 2 – Sufficient vents can be seen (every 2m).



Figure 3 – Corners installed correctly using hand welding and detailing tape.

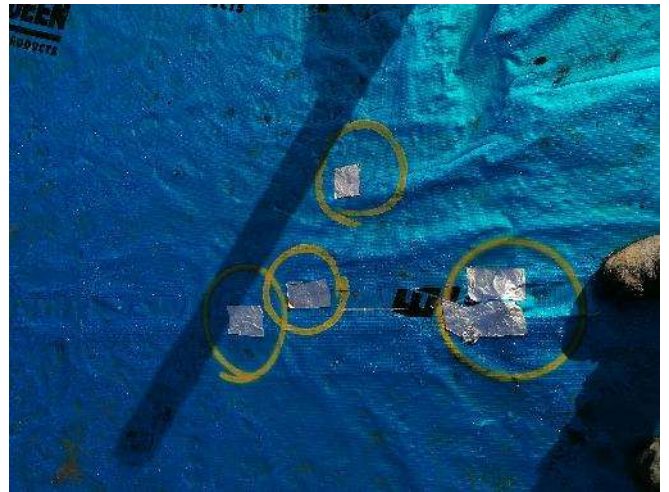


Figure 4 – Holes and gaps in jointing correctly patched.



Figure 5 – Service entries sealed on return visit.



Figure 6 – Joints are correctly hand welded.

GROUND GAS RESISTANT MEMBRANE INSPECTION RECORD

Project:	VICTORIA AVENUE, BLACKLEY
Project No:	3951
Plot No. Inspected:	22
Date of Inspection:	12/12/2023
Inspected By:	PSP
Inspection Method:	VISUAL AND PICK TESTING



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INSPECTED ITEM	YES/NO	COMMENTS	PHOTOGRAPHED YES / NO
Identification Identify that the correct membrane has been used, including sealing / jointing tape and pre-formed components e.g. tophats, corners.	Y	Visqueen 'Gas Barrier' membrane 'Pro Detailing Strip' Pre-formed top hats Double sided jointing tape	Y
General Condition Inspect the general condition of the membrane for rips, tears and punctures.	Y	Membrane recently installed in good condition. No holes, rips or tears.	Y
Jointing Check that all jointing has been carried out to the manufacturer's specification.	Y	Hand welded jointing. gaps found adjacent to service penetration, limited to outer skin of brickwork, more membrane added and secured with detailing strip. Correct and witnessed during inspection.	Y
Installation Check that the membrane has been installed correctly across cavities, including correct jointing in these areas.	Y	Sufficient lap covering cavity. Corners installed correctly.	Y
Top Hat Installation Check that top hats have been correctly installed around service entries, including jubilee clip around pipe and correct lapping and jointing to membrane at base.	Y	top hats to reinforce the stability secured with detailing strip around perimeter of "brim" and around top of pipe.	Y
Vent Installation Check that vents have been installed around the perimeter of the building in sufficient number and in the correct locations, including inspecting the condition i.e. not blocked or otherwise restricted.	Y	Sufficient air brick openings and telescopic vents, some front fascia to be installed	Y
Pressure Relief / Passive Venting Check the presence of a vented void / pressure relief pathway, including measuring that this is of a sufficient depth and not been filled or otherwise compromised. Check that internal sleeper walls are also vented to provide adequate flow-through within the void so that none of the walls are blocking off unvented sections within the void.	Y	>150mm clear void.	N

This Plot has **PASSED** / **FAILED** inspection.

Additional inspection visit **IS**/ **IS NOT** required for this plot.

Engineer: Paul Speakman.....

Signed:

PHOTOGRAPHS



Figure 1 – General view of the plot. Sufficient coverage of cavities.



Figure 2 – Sufficient vents. Front fascia to be installed as brickwork progresses



Figure 3 – Corners installed using detailing tape giving sufficient coverage of cavities



Figure 4 – Sufficient vents, also showing sufficient cavity cover.



Figure 5 – Hand Welded Seams



Figure 6 – Service entries sealed and secure.

GROUND GAS RESISTANT MEMBRANE INSPECTION RECORD

Project:	VICTORIA AVENUE, BLACKLEY
Project No:	3951
Plot No. Inspected:	23
Date of Inspection:	12/12/2023
Inspected By:	PSP
Inspection Method:	VISUAL AND PICK TESTING



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INSPECTED ITEM	YES/NO	COMMENTS	PHOTOGRAPHED YES / NO
Identification Identify that the correct membrane has been used, including sealing / jointing tape and pre-formed components e.g. tophats, corners.	Y	Visqueen 'Gas Barrier' membrane 'Pro Detailing Strip' Pre-formed top hats Double sided jointing tape	Y
General Condition Inspect the general condition of the membrane for rips, tears and punctures.	Y	Membrane recently installed in good condition. No holes, rips or tears. Installers on site during inspections.	Y
Jointing Check that all jointing has been carried out to the manufacturer's specification.	Y	Hand welded jointing. gaps found limited to outer skin of brickwork, more membrane added and secured with detailing strip. Correct and witnessed during inspection.	Y
Installation Check that the membrane has been installed correctly across cavities, including correct jointing in these areas.	Y	Sufficient lap covering cavity. Corners installed correctly.	Y
Top Hat Installation Check that top hats have been correctly installed around service entries, including jubilee clip around pipe and correct lapping and jointing to membrane at base.	Y	Additional detailing strip to further secure te detailing strip top hats around perimeter of "brim" and around top of pipe.	Y
Vent Installation Check that vents have been installed around the perimeter of the building in sufficient number and in the correct locations, including inspecting the condition i.e. not blocked or otherwise restricted.	Y	Sufficient air brick openings and telescopic vents, some front fascia to be installed	Y
Pressure Relief / Passive Venting Check the presence of a vented void / pressure relief pathway, including measuring that this is of a sufficient depth and not been filled or otherwise compromised. Check that internal sleeper walls are also vented to provide adequate flow-through within the void so that none of the walls are blocking off unvented sections within the void.	Y	>150mm clear void.	N

This Plot has **PASSED / FAILED** inspection.

Additional inspection visit ~~IS~~ IS NOT required for this plot.

Engineer: Paul Speakman.....

Signed:

PHOTOGRAPHS



Figure 1 – General view of the plot. Sufficient coverage of cavities.



Figure 2 – Sufficient vents. Front fascia to be installed as brickwork progresses



Figure 3 – Corners installed using detailing tape giving sufficient coverage of cavities



Figure 4 – Sufficient cavity cover.



Figure 5 – Hand Welded Seams



Figure 6 – Service entries sealed and secure.

GROUND GAS RESISTANT MEMBRANE INSPECTION RECORD

Project:	VICTORIA AVENUE, BLACKLEY
Project No:	3951
Plot No. Inspected:	24-25
Date of Inspection:	12/12/2023
Inspected By:	PSP
Inspection Method:	VISUAL AND PICK TESTING



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INSPECTED ITEM	YES/NO	COMMENTS	PHOTOGRAPHED YES / NO
Identification Identify that the correct membrane has been used, including sealing / jointing tape and pre-formed components e.g. tophats, corners.	Y	Visqueen 'Gas Barrier' membrane 'Pro Detailing Strip' Pre-formed top hats Double sided jointing tape	Y
General Condition Inspect the general condition of the membrane for rips, tears and punctures.	Y	Membrane recently installed in good condition. No holes, rips or tears. Installers on site during inspections.	Y
Jointing Check that all jointing has been carried out to the manufacturer's specification.	Y	Hand welded jointing. gaps found limited to outer skin of brickwork i.e. limited overlap, more membrane added and secured with detailing strip. Correct and witnessed during inspection.	Y
Installation Check that the membrane has been installed correctly across cavities, including correct jointing in these areas.	Y	Sufficient lap covering cavity for main seams. Corners installed correctly.	Y
Top Hat Installation Check that top hats have been correctly installed around service entries, including jubilee clip around pipe and correct lapping and jointing to membrane at base.	Y	Additional detailing strip to further secure top hats around perimeter of "brim" and around top of pipe.	Y
Vent Installation Check that vents have been installed around the perimeter of the building in sufficient number and in the correct locations, including inspecting the condition i.e. not blocked or otherwise restricted.	Y	Sufficient air brick openings and telescopic vents, some front fascia to be installed	Y
Pressure Relief / Passive Venting Check the presence of a vented void / pressure relief pathway, including measuring that this is of a sufficient depth and not been filled or otherwise compromised. Check that internal sleeper walls are also vented to provide adequate flow-through within the void so that none of the walls are blocking off unvented sections within the void.	Y	>150mm clear void.	N

This Plot has PASSED / FAILED inspection.

Additional inspection visit IS/ IS NOT required for this plot.

Engineer: Paul Speakman.....

Signed:

PHOTOGRAPHS



Figure 1 – General view of the plots.



Figure 2 – Sufficient vents. Grill fascia to be installed as brickwork progresses



Figure 3 – Corners installed using detailing tape giving sufficient coverage of cavities



Figure 4 – Sufficient cavity cover.

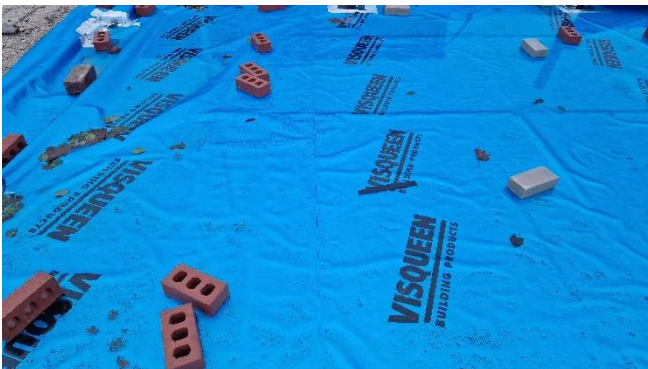


Figure 5 – Hand Welded Seams



Figure 6 – Service entries sealed and secure.