



GEOSHIELD

Verification Report



PROJECT REFERENCE:

GEO102718

REPORT NUMBER:

006

PROJECT:

Phase 3:Clarendon Road, GR DPC installation.

PROJECT ADDRESS:

Hornsey

North London.

MEMBRANE SPECIFICATION:

Verified in accordance CIRIA 735.

Design in accordance with BS8485 2015 + 2019 for Methane and Carbon Dioxide.

Substrate prepared in-accordance with manufactures instructions and BS8485

Pudlo GB DPC

Pudlo Ultra tape (double sided butyl tape)



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APPLICATION TEAM LEADERS

APPLICATOR NAME: Hilmy

COMPANY: Landmark Brickwork.

APPLICATOR TEL:

APPLICATOR EMAIL:

APPLICATOR NAME:

COMPANY: Landmark Brickwork.

APPLICATOR TEL:

APPLICATOR EMAIL:

NOTES: The dedicated applicators are deemed suitably trained in the installation

NOTES: of mechanically fixed cavity tray systems. With experience from previous

NOTES: projects using similar products. Standard of works will be monitored

NOTES: throughout this project.



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CLIENT DETAILS

CLIENT CONTACT:

Dean Willmont - Landmark Brickwork

CONTACTS ROLE:

Quantity Surveyor.

MOBILE PHONE:

EMAIL ADDRESS:

Dean.Willmont@Landmarkbrickwork.co.uk

CLIENT CONTACT:

CONTACTS ROLE:

MOBILE PHONE:

EMAIL ADDRESS

NOTES:

NOTES:

NOTES:



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VERIFICATION OFFICER:

Brett Hattle

VERIFICATION COMPANY:

GeoShield Limited

Icon Business Park, 4100 Park Approach

Thorpe Park, LEEDS

West Yorkshire

LS15 8GB

CONTACT NUMBER:

07387373167

EMAIL ADDRESS:

bhattle@geoshield.co.uk

ORDER NUMBER:

PER VISIT: YES:

☐

NO:

☐

PROJECT: YES:



NO:

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AREA SURVEYED: Threshold Detail - Block D1

SITE CONDITIONS:

WEATHER: Sunny

TEMPERATURE: 18c

MEMBRANE TEMPERATURE: N/a

RELATIVE HUMIDITY: N/a

TIME: 08:30 - 10:00

REPORT NUMBER: 006

DATE: 25/05/2023

ACCOMPANIED George Macas @ Landmark Brickwork



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OVERVIEW PHOTOGRAPHS



The photograph above displays an overview of where today's

verification inspection took place on site.

Threshold Detail - Block D1



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OVERVIEW PHOTOGRAPHS



The photograph above displays an overview of where today's

verification inspection took place on site.

Threshold Detail - Block D1



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OVERVIEW PHOTOGRAPHS



An alternate overview photograph of where the verification

inspection took place on site today.

Threshold Detail - Block D1



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VERIFICATION ITEM ONE

LOCATION/GRID LINE: Threshold Detail - Block D1

NOTES: Installation

The threshold details within Block D1 have been sealed to the design detail using Pudlo DPC or alternatively, Visqueen Ultimate HC Blok. These have been adhered to previously installed self adhesive membrane using double sided butyl tape and



mechanically fixed through the termination strap completing the seal. The first photograph above displays an overview of the termination strap fixed in place. The second photograph displays an overview of the successfully sealed threshold.

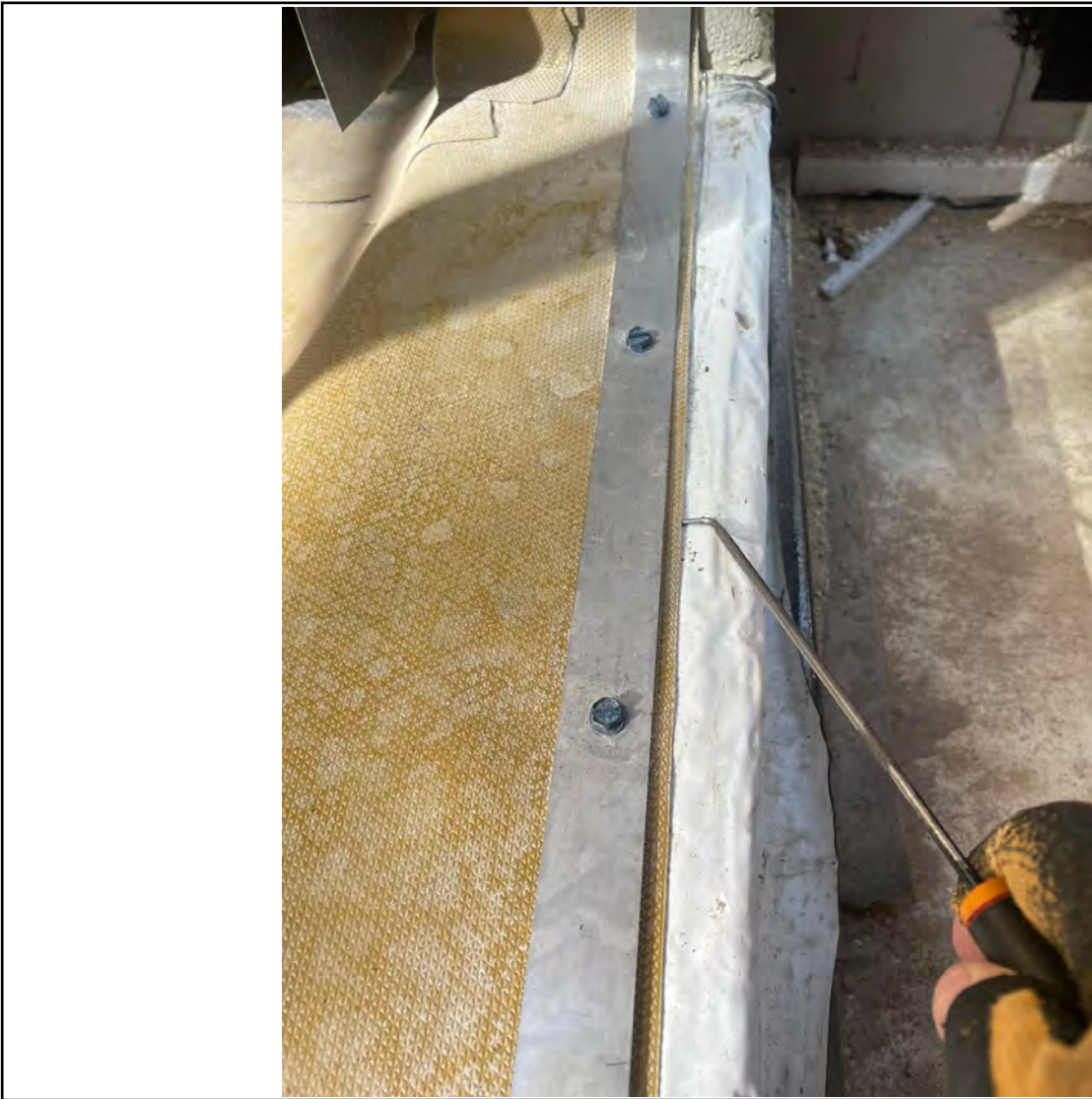
Installed in accordance with manufacturer's specifications.

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BGA
British Geomembrane Association



VERIFICATION ITEM ONE



The photograph above displays a mechanical point stress test, also known as a pick and probe test, being conducted on the sealed threshold. A visual inspection and thorough pick and probe tests were carried out on all thresholds in the referenced area, no faults were identified. Tested and verified in accordance with CIRIA 735.



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VERIFICATION ITEM TWO

LOCATION/GRID LINE: Threshold Detail - Block D1

NOTES: Sealing to the cavity tray

The Pudlo DPC has been taken across the threshold, up the cavity and sealed to the cavity tray. The installation has been sealed using double sided butyl tape and termination straps mechanically fixed. The first photograph below evidences the



Visqueen Ultimate HC Blok has been intricately cut and placed inside the cavity to seal the DPC. The second photograph shows the Pudlo DPC taken up the brick work and sealed into the cavity tray. The sealing of threshold details to the cavity tray have been installed in accordance with manufacturer's specifications.

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BGA
British Gas Association



VERIFICATION ITEM TWO



The photograph above displays a mechanical point stress test being conducted

upon the termination strap that has been installed up the cavity wall. The threshold

detail has been successfully sealed to ensure a gas resistant seal is achieved

throughout the installation. Tested and verified in accordance with CIRIA 735.



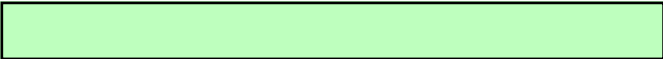
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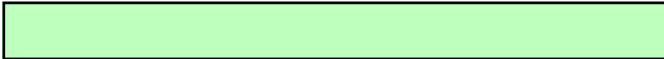
ADDITIONAL PHOTOGRAPHS



A pick and probe test



A pick and probe test

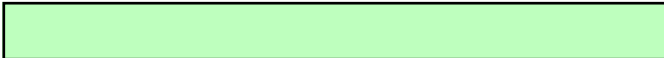


The sealed membrane into the

cavity tray



A pick and probe test





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REMEDIATION LOG

Date	Nr	Remediation Description	Y/N
14/06/2022	001	Block D1 threshold/stepped areas require sealing.	
		detail to be issued in regards to these areas.	
15/09/2022	002	Block D2 Window and Door thresholds require sealing.	
		(Waiting on detail from Pudlo)	
19/01/2023	003	X2 faults identified, remediated on-site.	✓
01/02/2023	004	X2 faults identified. Remediated on-site.	✓
		Threshold details to be sealed.	
18/05/2023	005	No faults were identified during this visit.	✓
25/05/2023	006	No faults were identified during this visit.	✓



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VERIFICATION SUMMARY

Today's visit to Clarendon Road, London was the sixth verification visit required to site to verify the installation of Pudlo DPC or alternatively, Visqueen Ultimate HC. Blok to the threshold detail in Block D1. The Pudlo DPC has been adhered to the threshold using double sided butyl tape underneath the DPC with a termination strap being mechanically fixed to the previously installed Pudlo Self Adhesive membrane to complete the seal. All corner details have been installed to manufacturer's specifications. The sealing of the threshold cavity with Pudlo Self Adhesive Membrane has been successfully completed. Thorough pick and probe testing completed with no faults being identified.

Passed and verified in accordance with CIRIA 735 and installed to BS8485:2019.

GEOSHIELD SIGNATURE:

Pashwat

DATE: 25/05/2023