



GEOSHIELD Verification Report



PROJECT REFERENCE:

GEO102718

REPORT NUMBER:

005

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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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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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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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:

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NO:

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PROJECT: YES:



NO:

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AREA SURVEYED: Threshold Detail - West Elevation - D1

SITE CONDITIONS:

WEATHER: Sunny

TEMPERATURE: 18c

MEMBRANE TEMPERATURE: N/a

RELATIVE HUMIDITY: N/a

TIME: 09:30 - 10:30

REPORT NUMBER: 005

DATE: 18/05/2023

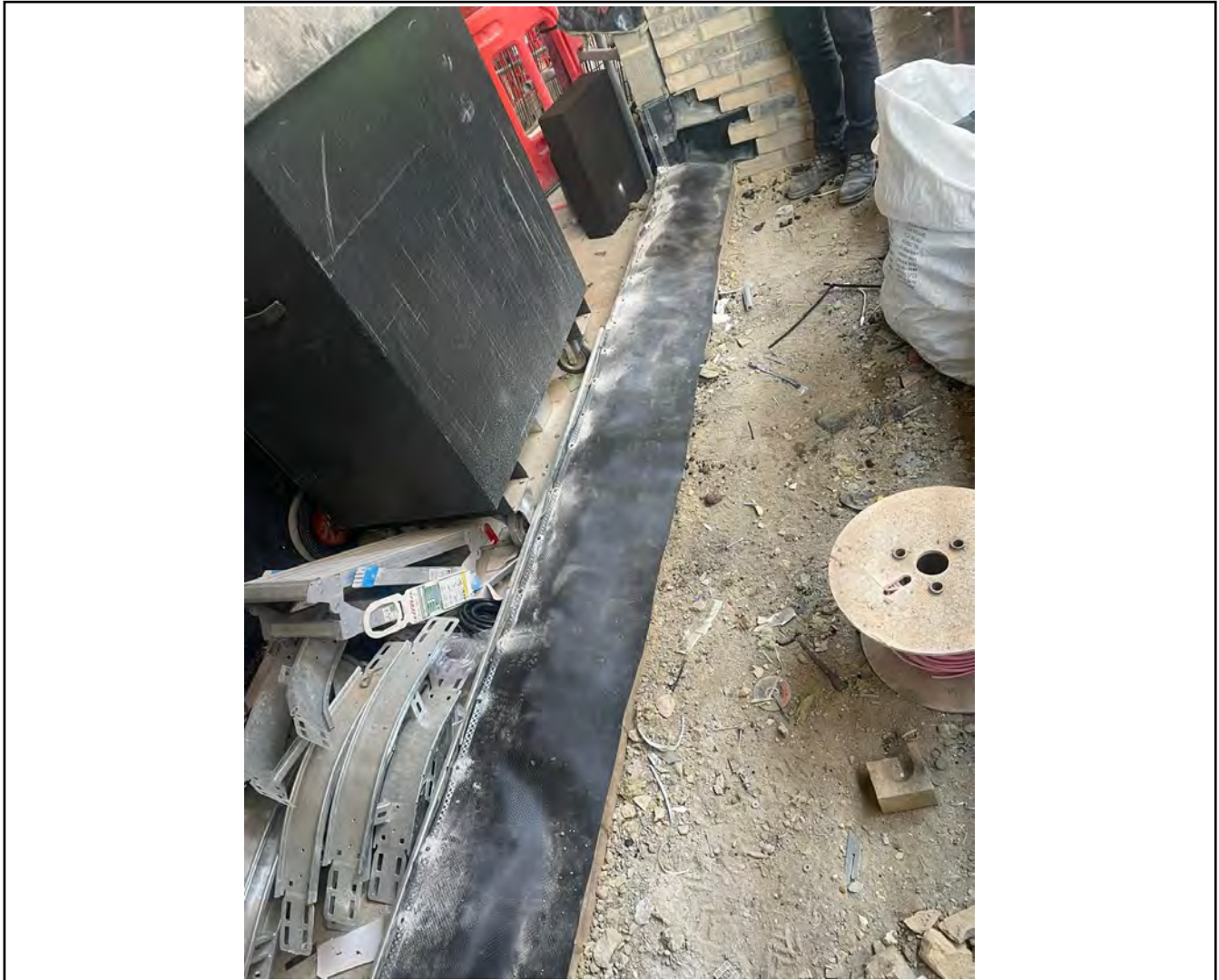
ACCOMPANIED George Macas @ Landmark Brickwork



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OVERVIEW PHOTOGRAPHS



The photograph above displays an overview of where today's

verification inspection took place on site.

Threshold Detail - West Elevation - D1



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VERIFICATION ITEM ONE

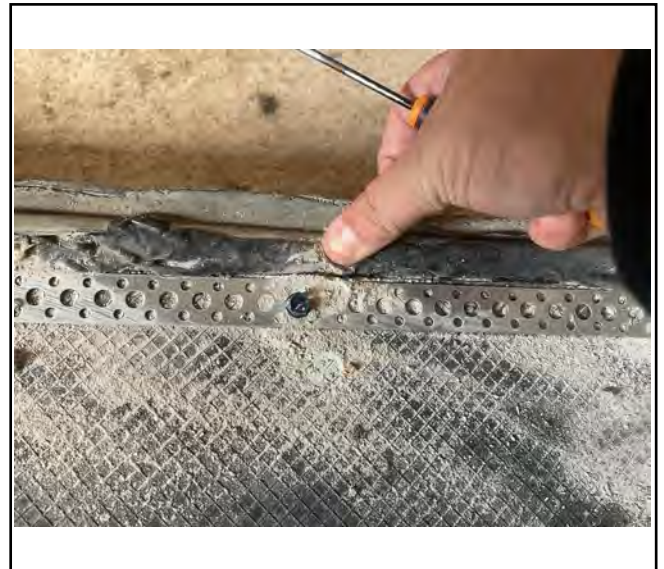
LOCATION/GRID LINE: Threshold Detail - West Elevation - D1

NOTES: Installation

The threshold has been sealed on the west elevation of block D1. Pudlo DPC has

been installed to the threshold area and adhered to the previously installed Pudlo

Self Adhesive Membrane. Double sided butyl tape has been applied underneath the



Pudlo DPC, a termination strap has then been mechanically fixed through the Pudlo DPC and the double sided butyl tape applied to complete the seal. The first photograph above displays an overview of the sealed threshold. The second photograph highlights the double sided butyl tape beneath the termination strap.

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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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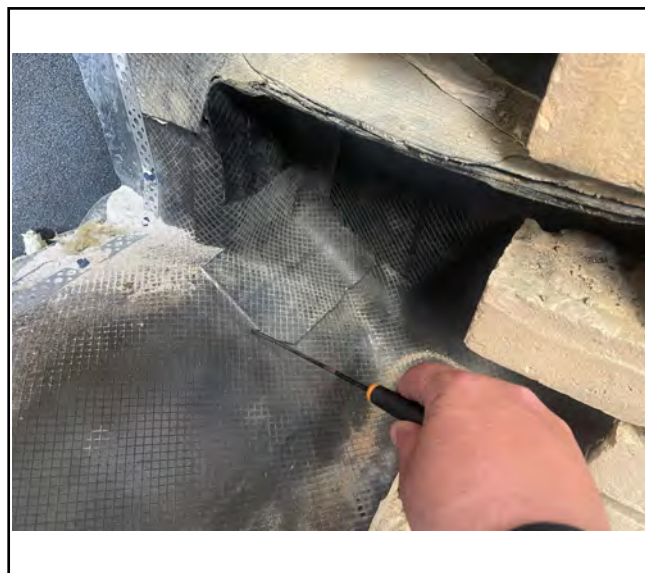


VERIFICATION ITEM TWO

LOCATION/GRID LINE: Threshold Detail - West Elevation - D1

NOTES: Threshold Detail sealing to cavity tray

The Pudlo GR 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 DPC



installed to the cavity tray. The second photograph displays a mechanical point stress test being carried out on the corner returns which has been sufficiently sealed by the qualified installers from Landmark Brickwork.

Tested and verified in accordance with CIRIA 735.

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BGA
British Gas Association



VERIFICATION ITEM TWO



The photograph above displays a mechanical point stress test being carried out on 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.



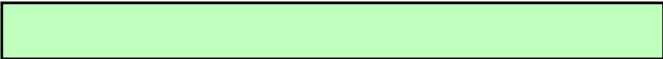
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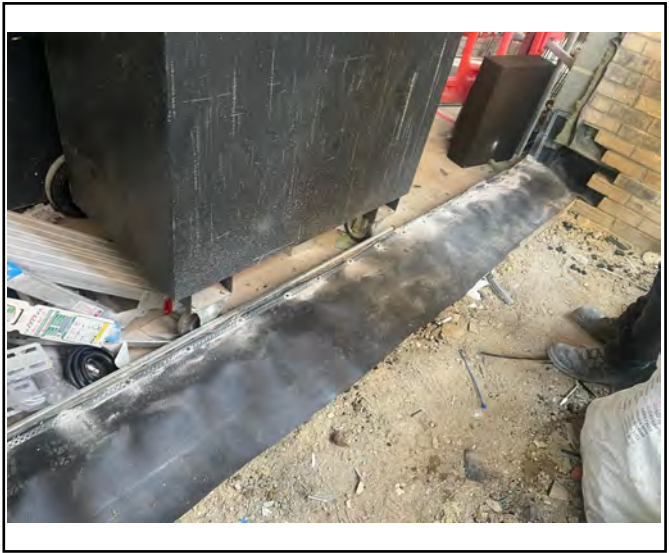
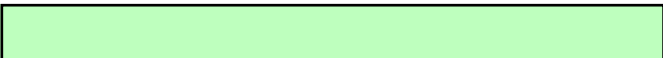
ADDITIONAL PHOTOGRAPHS



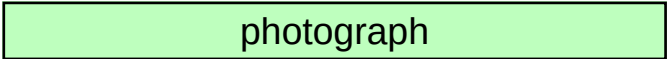
A pick and probe test.



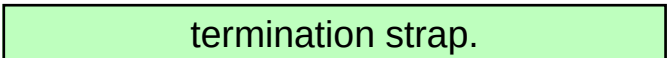
Sealed cavity tray.



Alternate overview



A pick and probe test to a





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VERIFICATION SUMMARY

Today's visit to Clarendon Road, London was the fifth verification visit required to site to verify the installation of Pudlo DPC to the threshold detail in West elevation in Block D1. The Pudlo DPC has been adhered to the threshold using double sided butyl tape underneath the Gas Barrier with a termination strap being mechanically fixed to the previous installed Pudlo Self Adhesive membrane to complete the seal. All corner details have been installed to the 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:

Pashwate

DATE: 18/05/2023