



GeoShield Verification Report 4



PROJECT REFERENCE:

GEO105182

PROJECT ADDRESS:

Cranford House,
100 Woodside Avenue,
Haringey,
LONDON
N10 3JA

SPECIFICATION:

Verified in accordance with CIRIA 735.

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

Substrate prepared in accordance with
manufacturer's instructions.,

MATERIAL SPECIFICATION:

Premcrete CombiSeal Plus
Premcrete CombiSeal Tape
Premcrete Hydroprufe LG
Premcrete HCR Butyl Tape



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NAME OF SURVEYOR:

Ben Cook

VERIFICATION COMPANY:

GeoShield Limited

COMPANY ADDRESS:

Icon Business Centre

4100 Park Approach, Thorpe Park

Leeds

LS15 8GB

CONTACT NUMBER:

07471 648596

EMAIL ADDRESS:

bcook@geoshield.co.uk



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CLIENT DETAILS

CLIENT CONTACT:	Danut Avadani
CONTACTS ROLE:	
MOBILE PHONE:	07802 267158
EMAIL ADDRESS:	alin.rad@konform.co.uk

CLIENT CONTACT:	
CONTACTS ROLE:	
MOBILE PHONE:	
EMAIL ADDRESS:	
NOTES:	



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APPLICATOR'S DETAILS

APPLICATOR NAME: Alin Rad

COMPANY: Konform

APPLICATOR TEL:

APPLICATOR EMAIL:

APPLICATOR NAME:

COMPANY: Konform

APPLICATOR TEL:

APPLICATOR EMAIL:

NOTES:

At least one member of each team group will have a NVQ Level 2 qualification in the gas membrane installation.

All installers are competent and skilled to complete gas membrane, installation.



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INSPECTION AREA(S)

Block A - External Wall Upstand & Lift Pit Area

SITE CONDITIONS

WEATHER: Sunny

TEMPERATURE: 16°C

TIME: 08:00 - 10:30

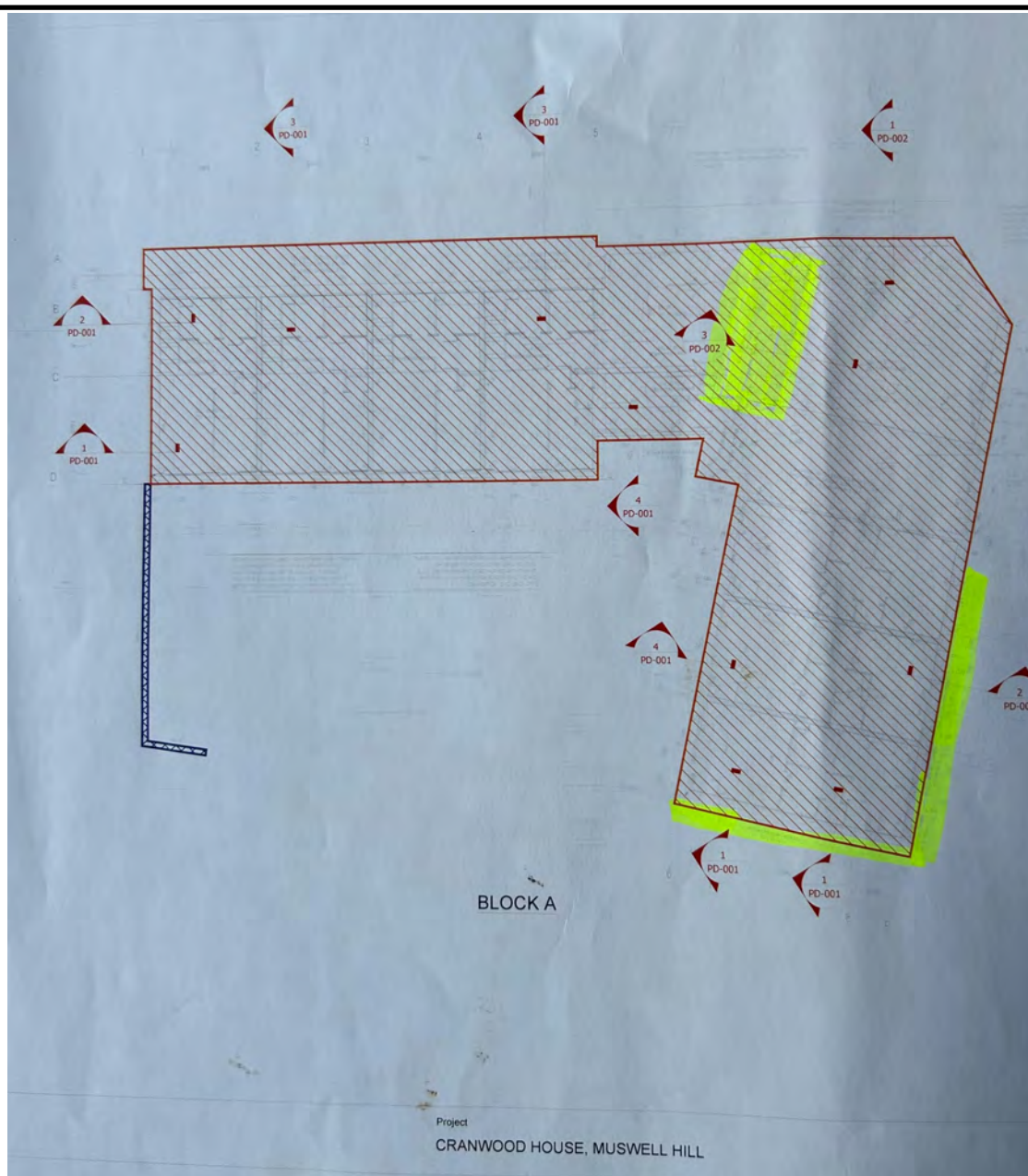
DATE: 17.04.2025

REPORT NUMBER: 004

ACCOMPANIED BY: Alin - Konform

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VERIFICATION LAYOUT



The photograph above shows a plan layout of the site. The areas highlighted in yellow show the external wall upstand section and lift pit area within Block A where the verification inspection took place on site today.

OVERVIEW



The photograph above displays an overview of the external wall upstand in Block A where today's verification inspection took place on site.

OVERVIEW



The photograph above displays an overview of the lift pit area in Block A where today's verification inspection took place on site.



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VERIFICATION ITEM ONE

AREA INSPECTED: Block A - External Wall Upstand

INSPECTION DETAILS: Installation of Premcrete CombiSeal Plus Gas Barrier



NOTES:

Premcrete CombiSeal Plus Gas Barrier has been installed across a section of the external wall upstand within Block A. Prior to the installation of the Premcrete CombiSeal Plus Gas Barrier, a liberal coat of Premcrete Hydroprufe LG has been applied upon the clean concrete surfaces around the toe and upstand.



NOTES:

Once cured, the Premcrete CombiSeal Plus Gas Barrier has been applied upon the Hydroprufe LG surfaces. All overlaps between the adjacent sheets of Premcrete CombiSeal Plus Gas Barrier have been sealed via the preformed adhesive zip lap joints, or alternatively Premcrete CombiSeal Tape from beneath.

VERIFICATION ITEM ONE



Protection Boards have been placed over the Premcrete CombiSeal Plus Gas Barrier and secured in place using Premcrete HCR Girth Tape. Thorough visual inspections, supported by mechanical point stress testing, also known as pick and probe testing, conducted upon all aspects of the Premcrete CombiSeal Plus Gas Barrier installation, identified no faults or defects.

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VERIFICATION ITEM TWO

LOCATION/GRID LINE: Block A - Lift Pit

Pile Caps



NOTES:

Following the installation of the Premcrete CombiSeal Plus Gas Barrier to the Lift Pit area, a number of pile caps required sealing. All pile caps have received a liberal coat of Hydroprufe LG, a liquid gas membrane which has been left to cure prior to the Premcrete CombiSeal Plus Gas Barrier being installed.



NOTES:

The Premcrete CombiSeal Plus Gas Barrier is cut tightly around the circumference of each pile cap and a continuous fillet of Twinseal Compound GR is applied using a 150mm paint brush to ensure that both the Premcrete CombiSeal Plus Gas Barrier and the pile cap were sufficiently covered.

VERIFICATION ITEM TWO



The pile caps were subjected to visual inspections and mechanical point stress testing throughout the area referenced. No faults or defects were identified during the testing procedures conducted upon the pile caps.

Tested and verified in accordance with CIRIA 735.



A pile cap within the lift pit, sealed with Hydroprufe LG and Twinseal Compound GR.



An overview of typical pile cap detailing within the lift pit.



An alternative overview of the Premcrete CombiSeal Plus Gas Barrier installation to the external wall.



Protection Boards installed over the Premcrete CombiSeal Plus Gas Barrier around the external wall.



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REMEDIATION LOG

[illegible]



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VERIFICATION SUMMARY

This was the fourth visit to the site where verification was required for the line out installation of the Premcrete CombiSeal Plus Gas Barrier to the lift pit and a section of the external wall upstands within Block A.

The Premcrete CombiSeal Plus Gas Barrier has been installed upon the external concrete upstand following application of Hydroprufe LG. The overlaps between the adjacent sheets of the Premcrete CombiSeal Plus Gas Barrier have been sealed via the preformed adhesive zip lap joint, or alternatively using Premcrete CombiSeal Tape from beneath. Protection Boards have been installed over the Premcrete CombiSeal Plus Gas Barrier, which are secured in place using HCR Girth Tape.

All pile caps within the Lift Pit have been successfully sealed using Hydroprufe LG and a thick, continuous fillet of Twinseal Compound GR applied around the circumference.

Thorough visual inspections, supported by mechanical point stress testing conducted upon all aspects of the installation identified no faults or defects.

Is the project ready for handover?	No
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This was passed and verified in accordance with CIRIA 735 and installed to BS8485:2015+A1 2019.

GEOSHIELD SIGNATURE

Pashwate

DATE: 17-Apr-2025