



GeoShield Verification Report 1



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



GeoShield Verification Report



NAME OF SURVEYOR:

Mark Chapman

VERIFICATION COMPANY:

GeoShield Limited

COMPANY ADDRESS:

Icon Business Centre

4100 Park Approach, Thorpe Park

Leeds

LS15 8GB

CONTACT NUMBER:

07387 373167

EMAIL ADDRESS:

mchapman@geoshield.co.uk



GeoShield Verification Report



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:	



GeoShield Verification Report



APPLICATOR'S DETAILS

APPLICATOR NAME:

COMPANY:

APPLICATOR TEL:

APPLICATOR EMAIL:

APPLICATOR NAME:

COMPANY:

APPLICATOR TEL:

APPLICATOR EMAIL:

NOTES:



GeoShield Verification Report



INSPECTION AREA(S)

Block C - Slab, gridlines 13-15/Q-T

SITE CONDITIONS

WEATHER:

Overcast

TEMPERATURE:

8°C

TIME:

07:30 - 09:15

DATE:

11.03.2025

REPORT NUMBER:

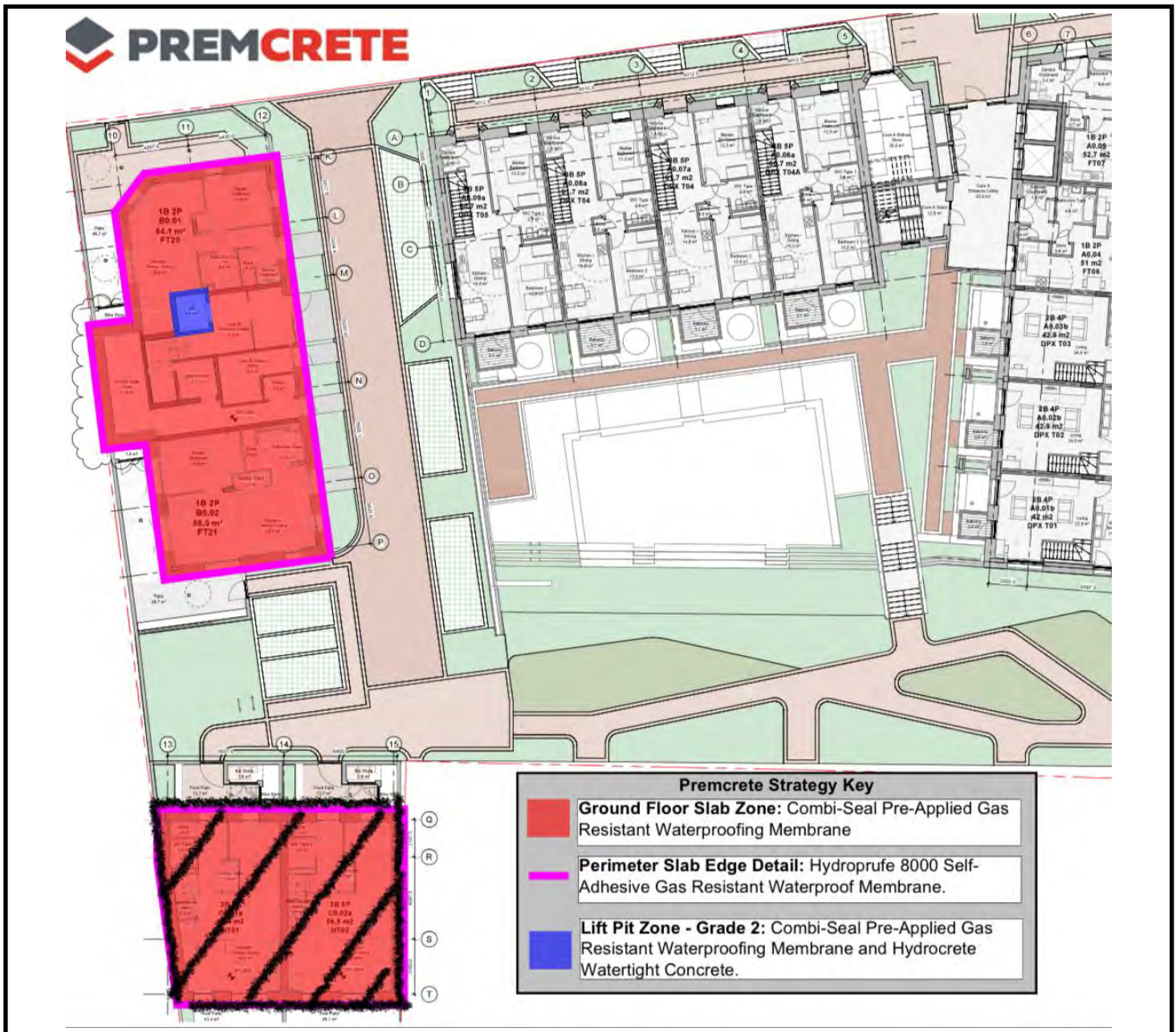
001

ACCOMPANIED BY:

Danut - Konform

GeoShield Verification Report

VERIFICATION LAYOUT



The photograph above shows a plan layout of the site. The area highlighted in black shows the slab section in Block C where the verification inspection took place on site today.

OVERVIEW



The photograph above displays an overview of the slab section in Block C where today's verification inspection took place on site.

OVERVIEW



The photograph above displays an overview of the slab section in Block C where today's verification inspection took place on site.

GeoShield Verification Report



VERIFICATION ITEM ONE

AREA INSPECTED: Block C - Slab, gridlines 13-15/Q-T

INSPECTION DETAILS: Installation of Premcrete CombiSeal Plus Gas Barrier



NOTES:

Premcrete CombiSeal Plus Gas Barrier has been installed across the footprint of a slab section within Block C, gridlines referenced. The Premcrete CombiSeal Plus Gas Barrier has been lined upon a smooth insulated substrate, minimising any damages occurring from beneath the membrane. A substantial overhang has



NOTES:

been left around the perimeter to enable sufficient overlapping during further works at a later date. All overlaps between the adjacent sheets of Premcrete CombiSeal Plus Gas Barrier have been sealed via the preformed adhesive zip lap joints, with Premcrete CombiSeal Tape applied over the top of the lap joints. Adequate heat and

GeoShield Verification Report

VERIFICATION ITEM ONE



rolled pressure have been applied where necessary, creating a gas resistant seal. Thorough visual inspections, supported by mechanical point stress testing, also known as pick and probe testing, conducted upon the sealed overlaps of the Premcrete CombiSeal Plus Gas Barrier identified no faults or defects.

Tested and verified in accordance with CIRIA 735.

GeoShield Verification Report



VERIFICATION ITEM TWO

AREA INSPECTED: Block C - Slab, gridlines 13-15/Q-T

INSPECTION DETAILS: Pipe Penetrations



NOTES:

Throughout the Premcrete CombiSeal Plus Gas Barrier installation, a number of pipe penetrations required sealing. The Premcrete CombiSeal Plus Gas Barrier has been cut tightly around each individual pipe penetration, with Premcrete HCR Butyl Tape placed beneath the membrane to secure in place, which is a double sided



NOTES:

butyl tape. The Premcrete CombiSeal Plus Gas Barrier has been terminated upon the pipe penetrations using strips of Premcrete CombiSeal Tape placed intricately up the neck of the pipe and around the base, onto the Premcrete Combi-Seal Plus Gas Barrier. Thorough mechanical point stress testing of the pipes identified no faults.



GeoShield Verification Report



VERIFICATION ITEM THREE

AREA INSPECTED: Block C - Slab, gridlines 13-15/Q-T

INSPECTION DETAILS: Pile Columns



NOTES:

Throughout the installation to the slab area within Block C, a number of pile columns required sealing. The primary seal of the pile columns is the application of Premcrete Hydroprufe LG, which is a liquid gas membrane. The Hydroprufe LG has been applied across the entirety of the pile columns and returned partially up each



NOTES:

individual steel rebar. The Premcrete Hydroprufe LG has been left to cure prior to the installation of the Premcrete CombiSeal Plus Gas Barrier. Once cured, Premcrete HCR Butyl Tape is implemented around the perimeter of the pile columns, with the Premcrete CombiSeal Plus Gas Barrier lapping onto the Premcrete HCR

VERIFICATION ITEM THREE



Butyl Tape. Premcrete Metal Washer Fixings have been implemented to secure the Premcrete CombiSeal Plus Gas Barrier in place, ensuring that these have gone through the Premcrete HCR Butyl Tape. Strips of Premcrete CombiSeal Tape complete the termination upon the pile columns. Thorough visual inspections, supported by mechanical point stress testing conducted upon all pile columns identified no faults.

ADDITIONAL PHOTOGRAPHS



Premcrete Metal Washer Fixings used to secure the membrane in place around pile columns.



A pipe penetration sealed with Premcrete CombiSeal Tape.



A bundle of Premcrete CombiSeal Plus Gas Barrier.



A sufficient overhang left around the perimeter in preparation for further works at a later date.



GeoShield Verification Report



GAS MEMBRANE TESTING



10

10

10



1

--

[illegible]



GeoShield Verification Report



VERIFICATION SUMMARY

This was the first visit to the site where verification was required for the line out installation of the Premcrete CombiSeal Plus Gas Barrier to a slab section within Block C, gridlines 13-15/Q-T.

The overlaps between the adjacent sheets of the Premcrete CombiSeal Plus Gas Barrier have been sealed via the preformed adhesive zip lap joint and over-taped using Premcrete CombiSeal Tape.

All pile columns have been sealed using Hydroprufe LG applied to the tops of the pile columns, with the Premcrete CombiSeal Plus Gas Barrier terminated using Premcrete HCR Butyl Tape and Premcrete Metal Washer Fixings.

All pipe penetrations have been successfully sealed using Premcrete HCR Butyl Tape and Premcrete CombiSeal Tape.

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

This was passed and verified in accordance with CIRIA 735 and installed to BS8485:2015+A1 2019.

GEOSHIELD SIGNATURE

Pashwat

DATE:

11-Mar-2025