



GEOSHIELD Verification Report



PROJECT REFERENCE: GEO1001700/KC/P

PROJECT: Porcelenosa: Kenwood Construction

PROJECT ADDRESS: 21 Rose Kiln Lane

Reading

RG1 6SP

MEMBRANE SPECIFICATION: Gas membrane to specification BS8485 2015

Installed to CIRIA 735

Hydroprufe 9000

Hydroprufe 8000

Dual Tape

Girth Tape

Foil backed detailing tape

Hydroprufe LG Liquid Gas Membrane

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MEMBRANE SPECIFICATION:

DESIGN DETAILS:

31363/5002/003 C1 Foundations and ground floor plan

31363/5002/020 C2 Substructure Sections

365001 Rev A

365002 Rev A

365003 Rev A

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SURVEYOR:

Chris Kynman

VERIFICATION COMPANY:

GeoShield Limited

Hoyle Mill Road

Kinsley

West Yorkshire

WF9 5JB

CONTACT NUMBER:

07387 373 167

EMAIL ADDRESS:

Chris.kynman@geoshield.co.uk

ORDER NUMBER:

PER VISIT: YES:

☐

NO:

☐

PROJECT: YES:



NO:

☐

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CLIENT DETAILS

CLIENT CONTACT: Stephen Gatehouse

CONTACTS ROLE: Project Manager

MOBILE PHONE: 07887983302 / 01553 776543

EMAIL ADDRESS: Stephengatehouse@chalcroft.co.uk

CLIENT CONTACT:

CONTACTS ROLE:

MOBILE PHONE:

EMAIL ADDRESS

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APPLICATION TEAM LEADERS

APPLICATOR NAME: Tony Groves: Foreman

COMPANY: Nick Kenward Construction Limited

APPLICATOR TEL: 07730 575862

APPLICATOR EMAIL:

APPLICATOR NAME: Frank Holman

COMPANY: Nick Kenward Construction Limited

APPLICATOR TEL: 07917 688078

APPLICATOR EMAIL:

NOTES:

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AREA SURVEYED: 7/9 - A-H

Also perimeter A, 9 , 1 & H

SITE CONDITIONS:

WEATHER: Cloudy

TEMPERATURE: 14C

MEMBRANE TEMPERATURE: N/A

RELATIVE HUMIDITY: 63%

TIME: 8.45am - 9.45am REPORT NUMBER: 005

DATE: 20th April 2017

ACCOMPANIED Stephen Gatehouse

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OVERVIEW PHOTOS



Overview wall A

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OVERVIEW PHOTOS



Overview area 7/9 - A-H

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LIMITATIONS

SURVEY AREA: 7/9 - A-H also walls A,H 1 , 9

RESTRICTIONS AND LIMITATIONS:

All applications were available for Verification

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LIMITATIONS

SURVEY AREA: 7/9 - A-H also walls A,H 1 , 9

RESTRICTIONS AND LIMITATIONS:

No limitations or restrictions

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VERIFICATION ITEM ONE

LOCATION/GRID LINE: Wall 1

NOTES:

Application of Hydroprufe 8000 self adhesive on outer wall

, also overlaps on top and continues on inner surface of wall

Photo 2 : outer view of wall 1

Photo 1 : Shows application over the top and then secured on the inner surface



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VERIFICATION ITEM ONE



Overview wall A

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VERIFICATION ITEM TWO

LOCATION/GRID LINE: 7/8

NOTES: Incorrect use of double sided tape on laps I.e should

GR detailing tape (had run out , more ordered) tried the wrong tape for a small

Section



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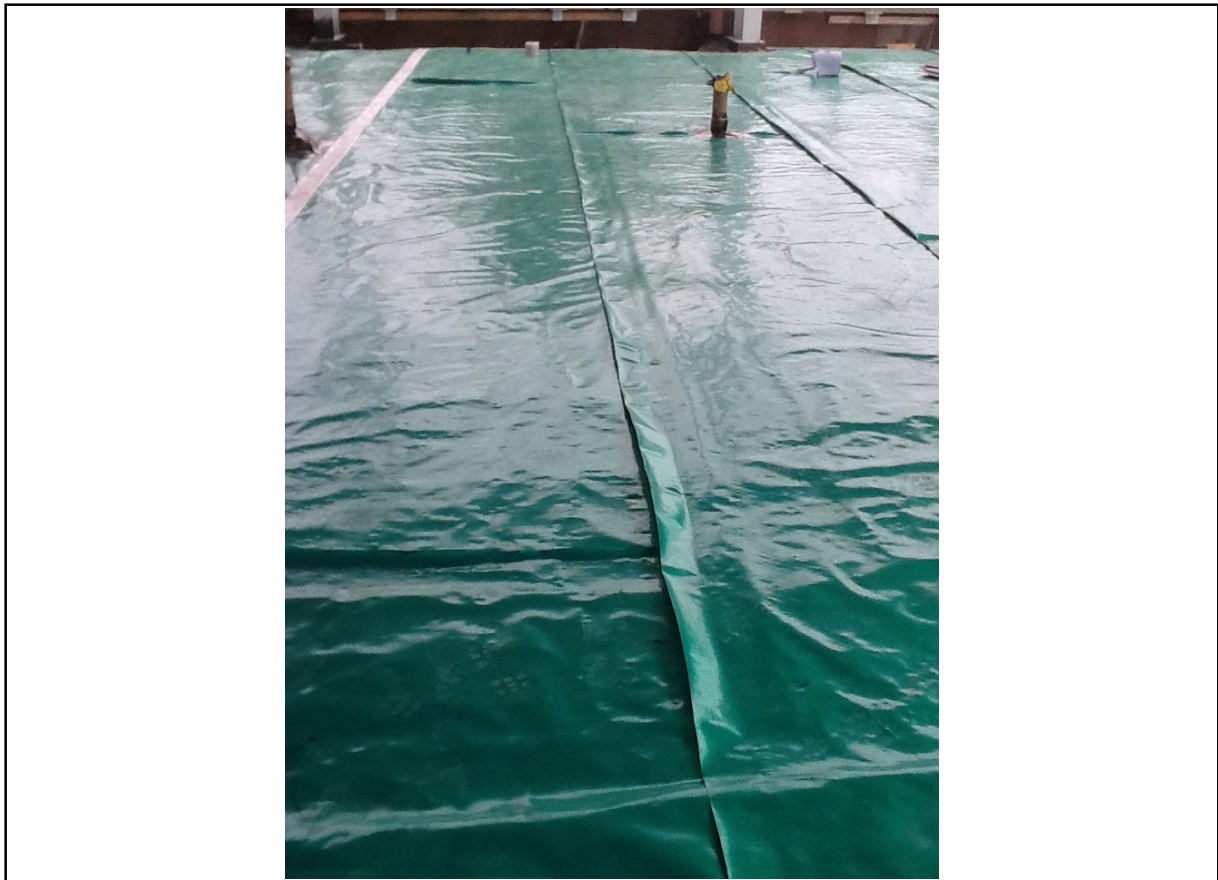
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VERIFICATION ITEM TWO



Overview , laps outstanding to be taped (ongoing)

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VERIFICATION ITEM THREE

LOCATION/GRID LINE: 9/3

NOTES: Pipe penetrations correctly detailed and laps

In this area correctly applied with double sided tape



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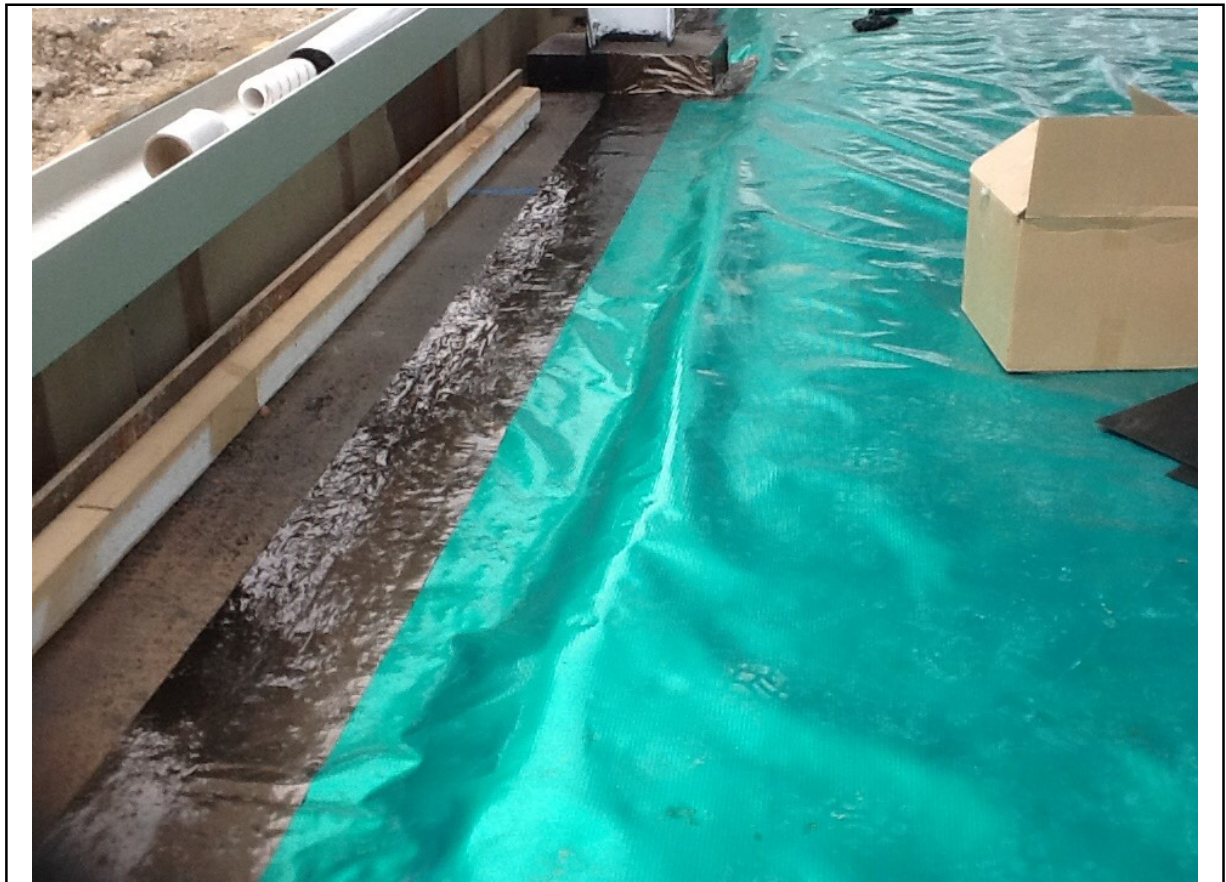
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VERIFICATION ITEM THREE



Edge correctly applied with detailing tape

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REMEDIATION LOG

Date	Nr	Remediation Description	Y/N
20th Mar	001	No remediation items	✓
20th Mar	001	Protection board still to fix	✓
23rd Mar	002	300mm detailing tape overlaid to edge beams and membrane	✓
23rd Mar	002	Column and edge beam detailing sealed to specification	✓
23rd Mar	002	Pipe penetrations detailed to specification	✓
3rd Apr	003	Columns and edge detailing 5A complete	✓
3rd Apr	003	Repairs in membrane 4A	✓
3rd Apr	003	Outstanding detailing to columns and edge A/B -6/7	✓
10th Apr	004	Wall perimeters primed A, H , 1 & 9	✓
10th Apr	004	Incorrect application of detailing/ remedation tape	✓
10th Apr	004	Correct application of Hydroprufe 8000 on perimeter	✓
20th Apr	005	Wall perimeter membrane correctly installed	✓
20th Apr	005	Incorrect use of double sided tape	
20th Apr	005	Pipe penetrations and edge detailing	✓

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ADDITIONAL PHOTOS



Application overview



Application on sand blinding



Column detailing



Wall perimeter

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GAS MEMBRANE TESTING

VISUAL:

YES



NO



SMOKE TEST:

YES



NO



COMPRESSED AIR:

YES



NO



DILECTIC

YES



NO



DESTRUCTIVE:

YES



NO



YES



NO



OTHER:

GRID LINE:

Area: A/H - 1/3+



GRID LINE:

Area A/H 1/4



GRID LINE:

Area A/B-4/7



GRID LINE:

Area A/H - 7/9



GRID LINE:



GRID LINE:



GRID LINE:



GRID LINE:



GRID LINE:



GRID LINE:



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VERIFICATION SUMMARY

Fifth visit , continuation of perimeter application of Hydroprufe 8000

Also additional slab membrane applied to area 7/9 - A/H

Some minor remediations outstanding but being completed

All installed to BS8485 and verified to CIRIA 735

GEOSHIELD SIGNITURE:

DATE: 20th April 2017

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