



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:

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AREA SURVEYED: Wall perimeters A , 9 , 1 & H

SITE CONDITIONS:

WEATHER: Cloudy

TEMPERATURE: 14C

MEMBRANE TEMPERATURE: N/A

RELATIVE HUMIDITY: 63%

TIME: 1.30pm - 2.30pm REPORT NUMBER: 004

DATE: 10th April 2017

ACCOMPANIED Stephen Gatehouse

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OVERVIEW PHOTOS



Overview wall 1

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OVERVIEW PHOTOS



Wall 1 , viewed from corner of intersection with wall A

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LIMITATIONS

SURVEY AREA: Wall perimeters A , 9 , 1 & H

RESTRICTIONS AND LIMITATIONS:

All applications were available for Verification

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LIMITATIONS

SURVEY AREA: N/A

RESTRICTIONS AND LIMITATIONS:

No limitations or restrictions

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VERIFICATION ITEM ONE

LOCATION/GRID LINE: Wall 1

NOTES:

Two views showing primed wall 1 ready for application of

Membrane



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VERIFICATION ITEM ONE



Overview primed wall 1

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VERIFICATION ITEM TWO

LOCATION/GRID LINE: Wall 1 , near corner of wall A ,

NOTES: Photo 1 incorrectly applied GR detailing(remediation)

Tape to wall perimeter

Photo 2 : incorrect tape being removed



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VERIFICATION ITEM TWO



Overview of incorrectly applied remediation/detailing tape

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VERIFICATION ITEM THREE

LOCATION/GRID LINE: Wall 1 near corner wall A

NOTES: Two views showing progress of Hydroprufe 8000

application , (after the incorrect tape had been removed)



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VERIFICATION ITEM THREE



Overview first section of Hydroprufe 8000 application

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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	✓

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ADDITIONAL PHOTOS



Hydroorufe 8000



Correct Application



Incorrect product



Incorrect application

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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:



GRID LINE:



GRID LINE:



GRID LINE:



GRID LINE:



GRID LINE:



GRID LINE:



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VERIFICATION SUMMARY

Fourth visit , mainly discussion and demonstration of the application of

Correct product and method for wall perimeters , application in progress .

Site management initially believed that a liquid gas membrane would suffice

For the perimeter , after consultation and discussion , confirmed the correct

Membrane for the perimeter I.e Hydroprufe 8000 , to be applied

All installed to BS8485 and verified to CIRIA 735

GEOSHIELD SIGNITURE:

DATE: 10th April 2017

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