



GEOSHIELD Verification Report



PROJECT REFERENCE:

GEO101478

REPORT NUMBER:

003

PROJECT:

Westside CFA Piling - Balfour Beatty/Galldris

PROJECT ADDRESS:

Green Park Station, Smallmead Road,

Reading,

RG30 3UR.

MEMBRANE SPECIFICATION:

Gas membrane to specification BS8485 2015

Verified in accordance with CIRIA 735.

- PrePrufe 300R Plus LT

- Bituthene Liquid Membrane

- PrePrufe Tape LT



GEOSHIELD Verification Report



VERIFICATION OFFICER: John Cornish

VERIFICATION COMPANY: GeoShield Limited

Icon Business Park, 4100 Park Approach

Thorpe Park, LEEDS

West Yorkshire

LS15 8GB

CONTACT NUMBER: 07493769477

EMAIL ADDRESS: Jcornish@geoshield.co.uk

ORDER NUMBER: N/A.

PER VISIT: YES:



NO:



PROJECT: YES:



NO:





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CLIENT DETAILS

CLIENT CONTACT:	Mark Franklin
CONTACTS ROLE:	Director of Fastglobe
MOBILE PHONE:	07739363998
EMAIL ADDRESS:	



CLIENT CONTACT:	
CONTACTS ROLE:	
MOBILE PHONE:	
EMAIL ADDRESS	
NOTES:	
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GEOSHIELD Verification Report



APPLICATION TEAM LEADERS

APPLICATOR NAME: Chris Hickling

COMPANY: Fastglobe

APPLICATOR TEL: 07958268438

APPLICATOR EMAIL:

APPLICATOR NAME: Brad Watkins

COMPANY: Fastglobe

APPLICATOR TEL: 07985175769

APPLICATOR EMAIL:

NOTES: Fastglobe specialise in the installation of water + gas proof systems.

NOTES: Installers from Fastglobe hold NVQ2 qualifications for the installation of

NOTES: Structural Waterproofing.

NOTES:



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AREA SURVEYED: Station - Infill to slab area.

SITE CONDITIONS:

WEATHER: Sunny

TEMPERATURE: 16c

MEMBRANE TEMPERATURE: N/A.

RELATIVE HUMIDITY: N/A.

TIME: 13:00 - 14:30

REPORT NUMBER: 003

DATE: 22/06/2021

ACCOMPANIED Chris - Fastglobe



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OVERVIEW PHOTOGRAPHS



The photograph above shows the overview of a section of the station which

was verified during this visit.



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OVERVIEW PHOTOGRAPHS



The photograph above shows an overview of the station where the

PrePrufe 300R Plus LT has been installed to the entire footprint of the

building.



GEOSHIELD Verification Report



VERIFICATION ITEM ONE

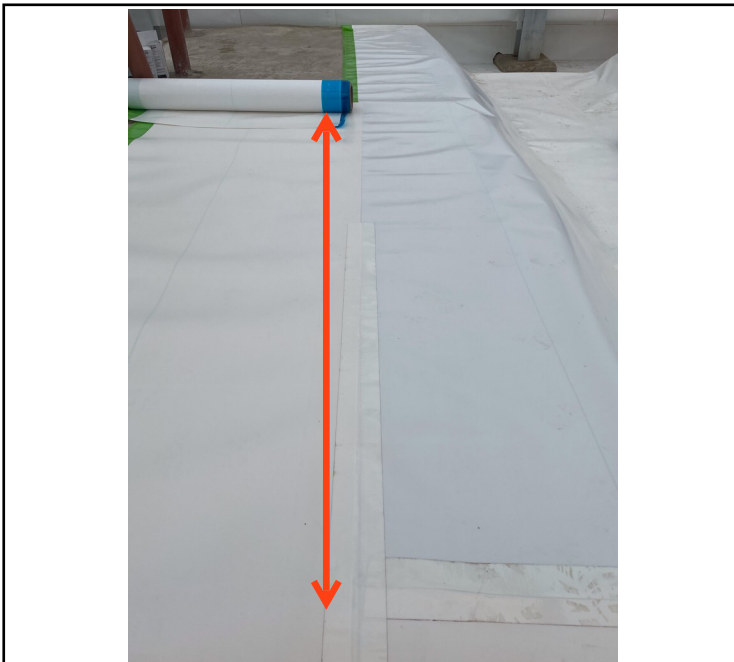
LOCATION/GRID LINE: Station - Infill to slab area.

NOTES: Installation of PrePrufe 300R Plus LT.

The first photograph below shows an overview of a sealed lap of the PrePrufe 300R

Plus LT, the installers have first ensured the membrane is the correct way up as shown

in the second photograph below.



The installers have then used lap tape to reinforce the laps to ensure a strong seal

has been achieved and there are no gaps.

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VERIFICATION ITEM ONE



The photograph above shows a pick and probe test carried out to the membrane verified during this visit. The installers have achieved a strong seal and no faults or defects were identified.

Verified in accordance with CIRIA 735.



GEOSHIELD Verification Report



VERIFICATION ITEM TWO

LOCATION/GRID LINE: Station - Infill to slab area.

NOTES: Pipe penetrations and column bases sealed.

The two photographs below show examples of sealed pipe penetrations which were inspected during this visit. The installers have first cut the membrane tightly around each pipe to minimise any gaps.



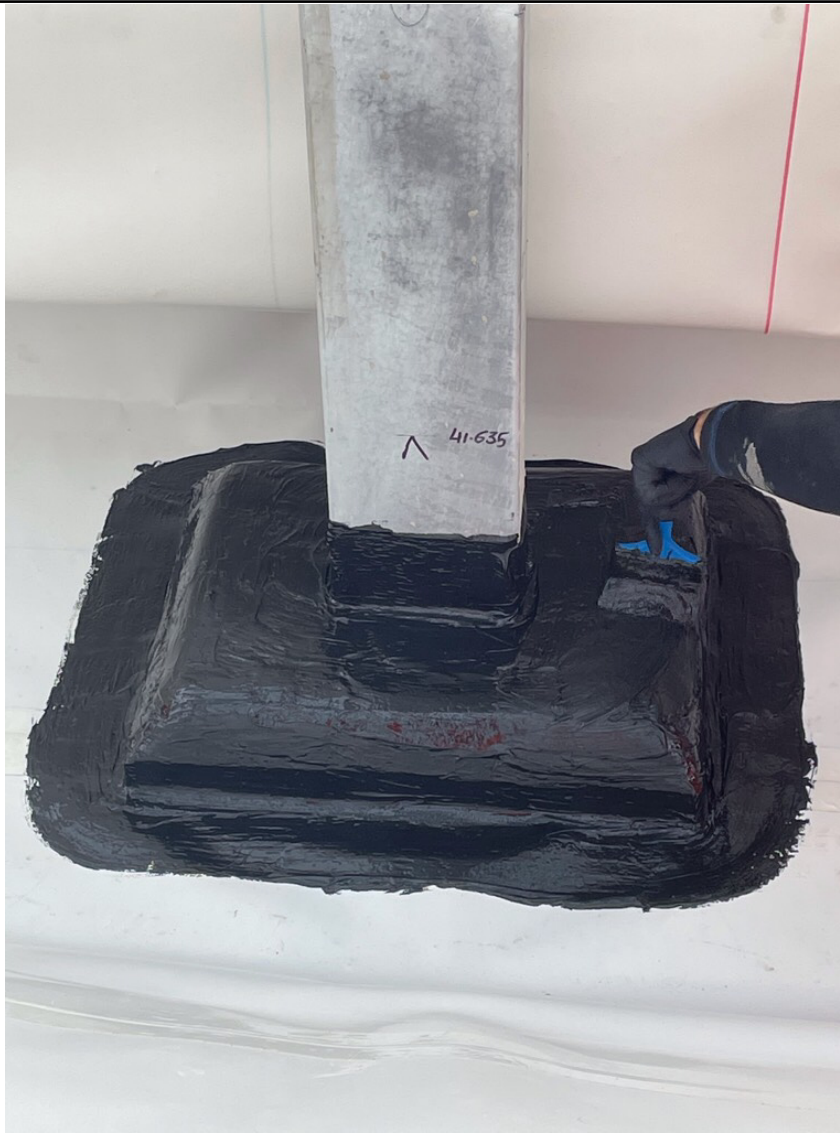
Next the installers have used bituthene liquid membrane to apply a sufficient fillet around each pipe penetration.

All pipes in the area verified during this visit have been fully sealed and no repairs were needed.

Installed in accordance with BS 8485:2019.

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VERIFICATION ITEM TWO



The photograph above shows a sealed column base. The installers have installed the membrane tightly around each column base before applying a thick and even coat of the liquid membrane.

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ADDITIONAL PHOTOGRAPHS



Additional sealed pipe penetration.



Additional pick and probe test carried out to sealed lap.



PrePrufe 300R Plus LT membrane
preformed taped lap correct way up.



Additional overview photograph.

[illegible]



Gridline/Plot Sign off



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VERIFICATION SUMMARY

This was the third visit to site where verification of the installation of the

PrePrufe 300R Plus LT membrane to the entire station area was required.

The installers have used the preformed taped lap to ensure the membrane has

been lapped 100mm and the membrane is the correct side up before sealing

each lap. All pipe penetrations and columns have been sealed correctly and

no faults were identified during this visit.

Photographic evidence has been provided for area not verified in person.

Installed in accordance with BS 8485:2019.

Verified in accordance with CIRIA 735.

GEOSHIELD SIGNATURE:

DATE: 22/06/2021