



BOPAS Data Base

**Terry Mundy
Lloyd's Register EMEA**

BOPAS Database

<http://www.bopas.org/>

About BOPAS



BOPAS provides assurance to the lending community that innovatively constructed properties against which they may be lending, will deliver a consistent performance over a determined durability of 60 years.

The Technologies

The technologies involved in offsite manufactured systems and innovative construction techniques will change the construction landscape and BOPAS will ensure that they meet stringent quality criteria.



Accredited Organisations

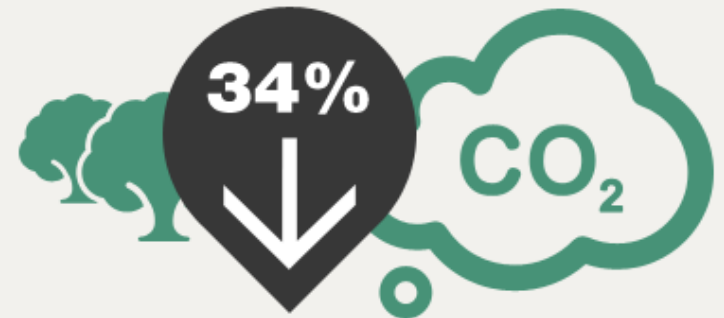


The designers, manufacturers, and constructors involved in offsite manufactured systems are rigorously audited and approved to maintain the highest levels of quality assurance throughout the process and ensure their construction systems are approved for integrity, durability and performance.

You are here: Home

2020 CARBON EMISSION TARGETS ARE DRIVING DEMAND FOR INNOVATIVE CONSTRUCTION

[→ Read more](#)



The correct choice of construction materials and techniques is crucial if the UK is to meet its target of a 34% reduction in Co2

Select a type

Reset all selections and results

Organisation name	Organisation type	Approval status	Associated technologies
Fusion	Constructor	● Green	Fusion Insulated Steel Frame Building System , Fusion system 2
Fusion	Designer	● Green	Fusion Insulated Steel Frame Building System
Fusion	Manufacturer	● Green	Fusion Insulated Steel Frame Building System
Lime Technologies	Constructor	● Amber	Hemcrete
Lime Technologies	Manufacturer	● Green	Hemcrete
Stewart Milne	Constructor	● Green	Stewart Milne Sigma II building system
Stewart Milne	Designer	● Green	Stewart Milne Sigma II building system
Stewart Milne	Manufacturer	● Green	Stewart Milne Sigma II building system

In association with

buildoffsite

Lloyd's
Register

BLP
BUILDING
DEFECTS
INSURANCE

 **RICS**

[Terms of use](#) [Cookies & Privacy policy](#) [Sitemap](#)

© Copyright BOPAS 2013. All rights reserved.

What is the Buildoffsite Property Assurance Scheme

BOPAS has been jointly developed by Buildoffsite, The Royal Institution of Chartered Surveyors (RICS), Lloyd's Register and Building LifePlans Ltd (BLP), in consultation with the Council of Mortgage Lenders (CML) and the Building Societies Association (BSA), to provide assurance to the lending community that innovatively constructed properties against which they may be lending, will be sufficiently durable as to be readily saleable for a minimum of 60 years. The Assurance Scheme comprises:

- A durability and maintenance assessment.
- A process accreditation.
- A web enabled database comprising details of assessed building systems, registered sites and registered/warranted properties.

[➔ Read more](#)



Know the postcode of your property?

Search for a site or property

Select one or more fields to locate a site or property. Or, simply click the 'Search' button to see all locations.

See all sites and properties within a UK map

[➔ View map](#)



In association with

buildoffsite

Lloyd's Register

BLP
BUILDING DEFECTS INSURANCE

 **RICS**

[Terms of use](#) [Cookies & Privacy policy](#) [Sitemap](#)

© Copyright BOPAS 2013. All rights reserved.

What is the Buildoffsite Property Assurance Scheme

BOPAS has been jointly developed by Buildoffsite, The Royal Institution of Chartered Surveyors (RICS), Lloyd's Register and Building LifePlans Ltd (BLP), in consultation with the Council of Mortgage Lenders (CML) and the Building Societies Association (BSA), to provide assurance to the lending community that innovatively constructed properties against which they may be lending, will be sufficiently durable as to be readily saleable for a minimum of 60 years. The Assurance Scheme comprises:

- A durability and maintenance assessment.
- A process accreditation.
- A web enabled database comprising details of assessed building systems, registered sites and registered/warranted properties.

[→ Read more](#)



Know the postcode of your property?

Search for a site or property

Select one or more fields to locate a site or property. Or, simply click the 'Search' button to see all locations.

See all sites and properties within a UK map

[→ View map](#)



In association with

buildoffsite

Lloyd's Register

BLP
BUILDING DEFECTS INSURANCE

 **RICS**

[Terms of use](#) [Cookies & Privacy policy](#) [Sitemap](#)

© Copyright BOPAS 2013. All rights reserved.

Order search results by: [Site Name](#)  [Site County](#)  [Site Constructor](#) 

Site: [A test site in Bath](#)

County: Somerset

Postcode region: BA2 5HZ

Constructor: [Fusion](#)

NO PROPERTIES AVAILABLE YET

Site: [Aadastral Park](#)

County: Suffolk

Postcode region: IP5 3RE

Constructor: [Fusion](#)

NO PROPERTIES AVAILABLE YET

Site: [Bath factory development](#)

County: Somerset

Postcode region: BA3

Constructor: [Fusion](#)

NO PROPERTIES AVAILABLE YET

In association with

buildoffsite

Lloyd's
Register

BLP
BUILDING
DEFECTS
INSURANCE

 **RICS**

[Terms of use](#) [Cookies & Privacy policy](#) [Sitemap](#)

© Copyright BOPAS 2013. All rights reserved.

You are here: [Home](#) » [Search](#)» A test site in Bath

A TEST SITE IN BATH



A test site in Bath - no plots assigned or properties built yet.

Address A test site in Bath
Somerset
BA2 5HZ

Employed technologies

Technologies used on this site	Approved status
Fusion Insulated Steel Frame Building System	● Green

Constructor

[Fusion](#)

Description of the Fusion Building System

A system based on factory assembled structural wall, floor and flat roof panels (or cassettes) framed by light gauge galvanized steel cold rolled C sections manufactured by Fusion using computer controlled machinery that cuts to length, forms holes and presses dimples where rivets or screws are to be located. The steel sections are screwed/riveted together to form frames on a flat bed production line. Frames for external wall panels have non-structural timbers added as a permanent shutter for insulation and as 'grounds' for site fixing dpc's, cavity barriers and window/door frames. External wall panels are also fitted with patent wall tie fixing brackets or 'top hat' or 'Z' section rails – as appropriate for the intended cladding. The framed external wall panels are then encapsulated with Neopor injected fire retardant expandable polystyrene insulation to the full thickness of the 92mm studs + 70mm timber ground giving a total external panel thickness of 162mm. Wall panels include diagonal steel straps to provide 'racking' strength. Floor and flat roof cassetts are factory framed and held square by a permanent timber deck. The system has various third party certifications (see 'Scope of Information') and reliance has been placed on this work where appropriate.

Limits on scope

- Maximum 10 storeys with building height not exceeding 30m
- Bottom channel minimum 150mm above external ground level or suitable peripheral drainage and/or tanking provided appropriate to prevailing ground conditions
- External wall claddings must have a drained and vented cavity
- Fusion must be contracted for the design, supply and erection of their steel frame panels
- Fusion must confirm the suitability of all designs by others that could impact on their frame e.g. external claddings and associated details, internal services, shafts & ducts and internal linings – a 'Builders Manual' is issued by Fusion Building Systems to designers and constructors to assist with integration issues

Documents for this technology

Fusion - Acoustics	pdf
Fusion - Certification - Building Regulations	pdf
Fusion - Cladding Support	pdf
Fusion - Durability	pdf
Fusion - Fire	pdf
Fusion - Thermal	pdf
UBC location feature boxes	docx
equide-cover	jpg



About BOPAS



BOPAS provides assurance to the lending community that innovatively constructed properties against which they may be lending, will deliver a consistent performance over a determined durability of 60 years.

The Technologies

The technologies involved in offsite manufactured systems and innovative construction techniques will change the construction landscape and BOPAS will ensure that they meet stringent quality criteria.



Accredited Organisations

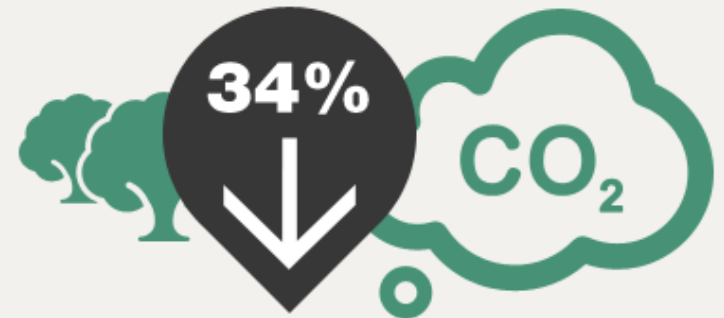


The designers, manufacturers, and constructors involved in offsite manufactured systems are rigorously audited and approved to maintain the highest levels of quality assurance throughout the process and ensure their construction systems are approved for integrity, durability and performance.

You are here: Home

2020 CARBON EMISSION TARGETS ARE DRIVING DEMAND FOR INNOVATIVE CONSTRUCTION

[→ Read more](#)



The correct choice of construction materials and techniques is crucial if the UK is to meet its target of a 34% reduction in Co2

Select a type

Reset all selections and results

Organisation name	Organisation type	Approval status	Associated technologies
Fusion	Constructor	● Green	Fusion Insulated Steel Frame Building System , Fusion system 2
Fusion	Designer	● Green	Fusion Insulated Steel Frame Building System
Fusion	Manufacturer	● Green	Fusion Insulated Steel Frame Building System
Lime Technologies	Constructor	● Amber	Hemcrete
Lime Technologies	Manufacturer	● Green	Hemcrete
Stewart Milne	Constructor	● Green	Stewart Milne Sigma II building system
Stewart Milne	Designer	● Green	Stewart Milne Sigma II building system
Stewart Milne	Manufacturer	● Green	Stewart Milne Sigma II building system

In association with

buildoffsite

Lloyd's
Register

BLP
BUILDING
DEFECTS
INSURANCE

 **RICS**

[Terms of use](#) [Cookies & Privacy policy](#) [Sitemap](#)

© Copyright BOPAS 2013. All rights reserved.

About BOPAS

BOPAS provides assurance to the lending community that innovatively constructed properties against which they may be lending, will deliver a consistent performance over a determined durability of 60 years.



The Technologies

The technologies involved in offsite manufactured systems and innovative construction techniques will change the construction landscape and BOPAS will ensure that they meet stringent quality criteria.



Accredited Organisations

The designers, manufacturers, and constructors involved in offsite manufactured systems are rigorously audited and approved to maintain the highest levels of quality assurance throughout the process and ensure their construction systems are approved for integrity, durability and performance.

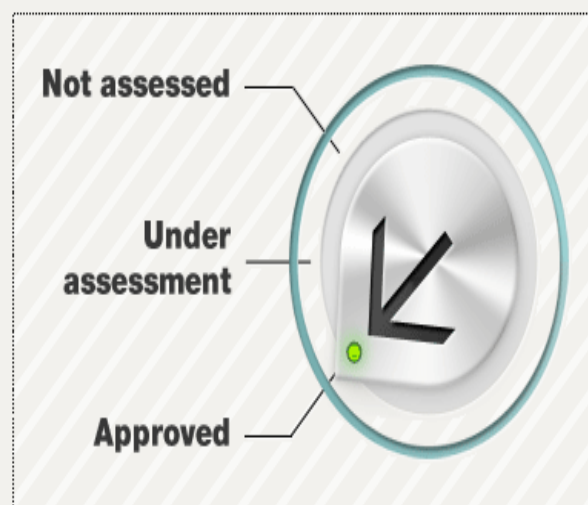


You are here: [Home](#) » [Technologies](#) » Stewart Milne Sigma II building system

STEWART MILNE SIGMA II BUILDING SYSTEM

Stewart Milne Group can now offer a second generation Build System, which responds to the requirements of low energy low carbon homes and provides a robust and practical solution.

- All sites/properties using this technology
- All designers using this technology
- All manufacturers using this technology
- All constructors using this technology



Description of the Stewart Milne Sigma II building system

The system comprises closed and insulated factory produced timber framed wall panels for location on a (typically) beam & block concrete ground floor (project specific). Upper floors may be

Documents for this technology



Order search results by: [Site Name](#) [Site County](#) [Site Constructor](#)

Site: [Ralph Allen Yard](#)

County: Somerset

Postcode region: BA2 5HZ

Constructor: [Stewart Milne](#)

Name: 42	Plot: 1	Technologies: Stewart Milne Sigma II building system	Postcode: BA25HZ
Name:	Plot: 2	Technologies: Stewart Milne Sigma II building system	Postcode: BA2 5HZ
Name:	Plot: 3	Technologies: Stewart Milne Sigma II building system	Postcode: BA2 5HZ
Name:	Plot: 4	Technologies: Stewart Milne Sigma II building system	Postcode: BA2 5HZ
Name:	Plot: 6	Technologies: Stewart Milne Sigma II building system	Postcode: BA2 5HZ
Name:	Plot: 7	Technologies: Stewart Milne Sigma II building system	Postcode: BA2 5HZ
Name:	Plot: 8	Technologies: Stewart Milne Sigma II building system	Postcode: BA2 5HZ
Name:	Plot: 9	Technologies: Stewart Milne Sigma II building system	Postcode: BA2 5HZ

RALPH ALLEN YARD



Map Satellite

A development of 4 three bedroom townhouses, 4 three bedroom houses, a single two bedroom mews apartment and an interpretation and community facility.

Address Ralph Allen Yard
Somerset
BA2 5HZ

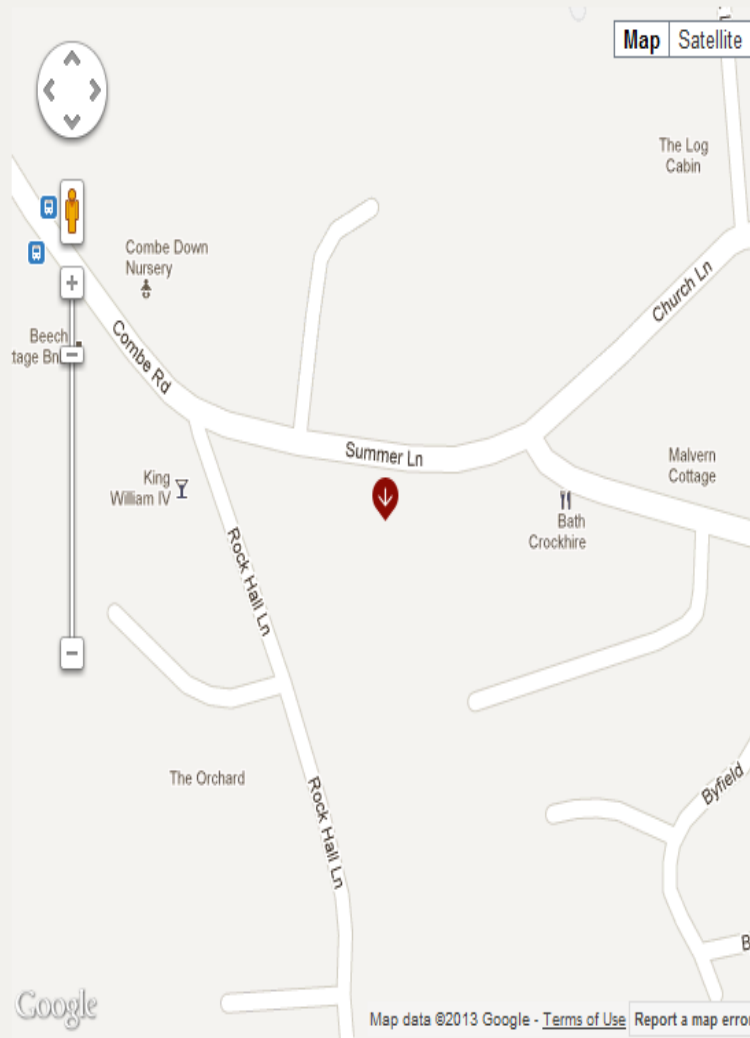
Employed technologies

Technologies used on this site	Approved status
Stewart Milne Sigma II building system	● Green

Constructor

[Stewart Milne](#)

RALPH ALLEN YARD



A development of 4 three bedroom townhouses, 4 three bedroom houses, a single two bedroom mews apartment and an interpretation and community facility.

Address Ralph Allen Yard
Somerset
BA2 5HZ

Employed technologies

Technologies used on this site	Approved status
Stewart Milne Sigma II building system	● Green

Constructor

[Stewart Milne](#)