

**FORDINGBRIDGE**  
inspiring design + build

More than 55 years experience in  
canopy & walkway design, manufacture & installation

Designed **around you**





# About

Fordingbridge has more than 55 years' experience in the design and build of innovative canopy, walkway and inspiring building solutions to a wide range of sectors.

Our customers are at the forefront of everything we do. We have earned an excellent reputation for creating aesthetically pleasing, affordable, sustainable solutions. This is evident with 70% of our business coming from repeat customers and recommendations.

When working with Fordingbridge you can be assured that we take great pride in making sure that our customers' expectations are always exceeded. This is ensured by investing the same commitment to every project irrespective of size and location.

This brochure will give you a brief overview of our work in the education sector and how we can help you make the most of your environment.



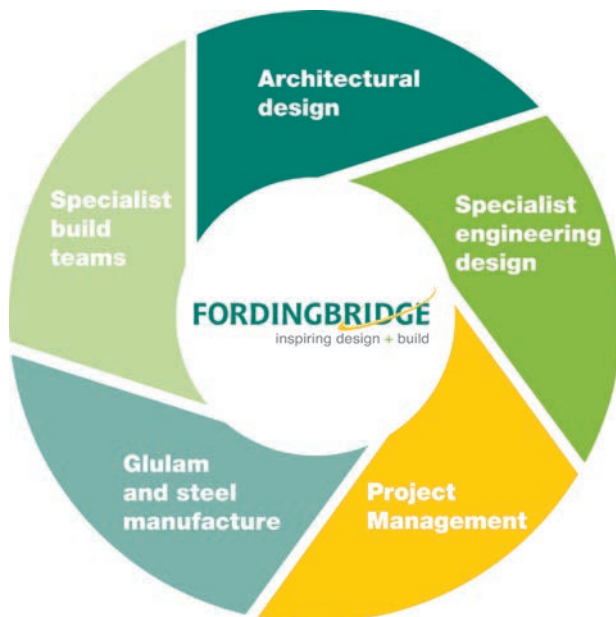
Stephen Toone, Managing Director



At Fordingbridge, we aim to exceed all your expectations.

# The team

Fordingbridge are proud to have on board over 35 talented and skilled members of our team. The wide range of experience and expertise, from the drawing office to the workshop, is what **enables us to deliver successful projects time and time again.**



## Your education key sales contacts



Adam Collier - Technical Sales Manager

Adam's background spans the commercial, education and leisure sectors. His particular experience in managing projects in the sports and construction industry also brings an additional facet to his ability to understand clients' requirements and formulate the best solutions for your needs.



Jon Heywood - Technical Sales Manager

Jon's key strengths lie in building great relationships with clients. He has the ability to carefully translate the brief into specific solutions required for your needs. Working with principal contractors, architects and clients directly, Jon's skills in stakeholder engagement and technical ability ensure successful project outcomes.



STAGE 1

## Survey and quote

A Technical Sales Manager will visit your site to discuss concepts and ideas before conducting a full site survey. This will form the basis of your structure's design and following quotation.

STAGE 2

## Design

Utilising the latest architectural software, Fordingbridge's very own drawing office offers all aspects of design from concept visualisation through to vertical integration, structural analysis and material specification.

STAGE 3

## Manufacture

Our unique capability of incorporating all design and manufacturing processes in one location enables Fordingbridge to deliver solutions to the customers' exact specifications on time and on budget.

STAGE 4

## Delivery and installation

With our very own transport fleet and installation teams, we have the ability to erect your structure within a matter of days at a time best suited to you.



# Education Solutions

With hundreds of installations throughout the UK in this sector, the team at Fordingbridge take great pride in working closely with schools, contractors and architects to achieve total satisfaction.

Our experience and ability to understand the requirements of the UK Education sector enables us to design, build and install the perfect solutions to the individual needs of each client brief.



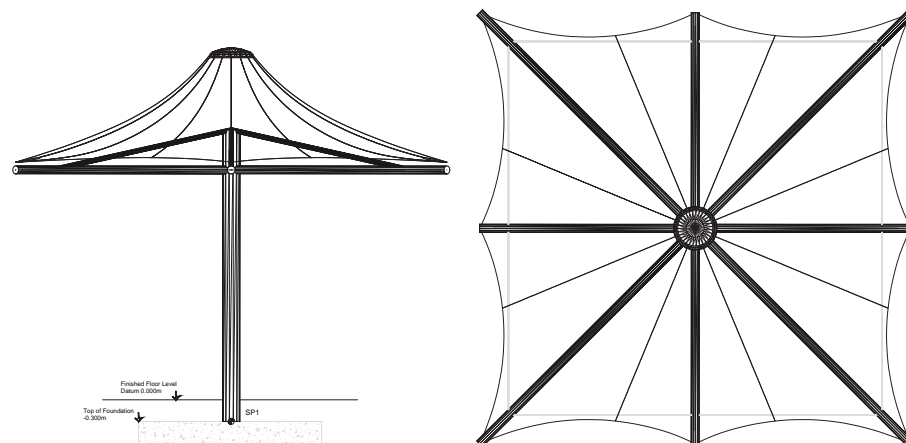






Education

# Kingshurst School



'Provide shade & rain protection for EYFS'



6m x 6m



CE marked steel



Anthracite RAL 7016



Ferrari precontraint\* 702 fabric

## Single conic tensile canopy

This 6m diameter single conic canopy from our predesigned range of tensile fabric playground shelters provides shade and rain cover for this West Midlands primary school. The canopy also provides an architectural statement for the school and complements the buildings surrounding it.

The structure was finished in RAL 7016 Anthracite.

# Worthing High School



'Provide covering in underused courtyard to create social space'



10m span x 20m



Structural glulam timber



Opal 60 fabric

## Glulam timber canopy and walkway

The 20m long x 10m span timber barrel vaulted canopy provides a practical space for learning that can be used to deliver many areas of the curriculum. During break time the canopy offers a perfect covered space with fresh air for either dining and socialising.

The walkways consisted of two barrel vaulted canopies both spanning 3m covering 17m of walkway in total. The entire project was installed during the Easter holidays, so the canopies were ready for a new term-start.



'Cover path between buildings to let students move between classes'



3m x 30m



Structural glulam timber



Opal 60 fabric



Education

# Bersted Green Primary School



'Provide cover outside classrooms & adapt playground to allow for all-weather play'



Cantilever / barrel vault / mono pitch



CE marked steel



RAL 7024 Graphite Grey



Hard-wearing translucent 16mm triple walled polycarbonate



PPC finished aluminium gutters



## Three different playground canopies

Bersted Green commissioned Fordingbridge to transform three areas of its school grounds. The largest canopy, a 210m<sup>2</sup> taper trellis, provides the school with a covered playground area perfect for break times and sporting activities.

The second canopy, a cantilever design runs adjacent to the classrooms creating a protected play and study area for children and staff. It also offers shade to the classrooms in the summer.

The final canopy and the smallest of the three, provides the school with an extension to an existing canopy to create more covered play space in an awkward area.



Education

# Essex Primary School



'Allow year round use of MUGA in all-weather with optimal natural light'



Barrel vault



CE marked steel frame



RAL 6005 Moss Green



16m x 30m



## Mini MUGA Canopy

Designed, engineered and pre-fabricated in our custom built West Sussex factory, the installation was completed during the summer break, ensuring the completed play area was ready for pupils return in September.

The canopy features our exclusive Opal 60 roof fabric; a fire retardant material, designed to block UV while still enabling 60% natural light transmission. Fordingbridge developed the material to offer a cost effective, efficient alternative to standard tensile fabrics which in comparison allow only 30-40% light transmission and therefore often require additional lighting requirements.



Education

# City Academy



'Create statement seating area to allow for more student breakout space'



Barrel vault structural glulam



9m x 15m



GL24 FSC Glulam Timber



Opal 60 tensioned membrane



Light Oak



## All-weather space for students

Since opening in 2009 the school had suffered from a lack of sufficient outside space for students to socialise between classes.

The barrel-vaulted canopy offers weather protection from both the harmful UV rays and rainfall, making it a year-round application.

The 135m<sup>2</sup> area allows for 9 picnic benches to sit comfortably under the canopy. At full capacity, this is potential for 54 pupils to congregate at break times.



# Philip Morant School

## Bespoke atrium canopy

A steel tapered trellis canopy for Philip Morant School and College effortlessly transforms the under-used courtyard to create a bright weather protected space. Students are making the most of their new social, dining and outdoor learning space which previously was an exposed route between buildings.

The following summer holiday period saw Fordingbridge install a 98m external walkway. Provision was also made for a first floor level walkway along the length of the two storey elevation.

Fordingbridge provides a fully project-managed design and build package to help schools achieve their vision. This project is a perfect example of how we can work with schools in successive summers to alleviate the impact of cost and disruption to your school.

Visit [www.fordingbridge.co.uk](http://www.fordingbridge.co.uk) for more atrium canopy examples.

Fordingbridge was fluent and extremely engaged throughout the whole design and build of the project. The atrium canopy has enhanced the functionality of our existing infrastructure by creating a light and airy sheltered space at a fraction of the cost of a new building.

Simon Bown, Dudley

CE marked steel

Screen printed gable 'D' to school's design





Curtain walling  
incorporating entrance



Education



Mono pitch



Steel truss



RAL 6016



Opal 60



Powder coated aluminium gutters and



# Hawkedale Primary School



'Provide feature shade & rain protection for Reception pupils'



2x Single conic tensile canopies



CE marked steel



RAL 6016 Turquoise green



4m x 4m dimensions



## Valuable shade for sunny play area

Following a barrel vaulted outdoor classroom to the north of the school previously provided by Fordingbridge, we were asked to cover the outside play area for the Early Years and KS1 pupils at Hawkedale Primary School in Sunbury On Thames.

Opting for two 4m tensile canopies, the installation took place with minimal groundworks, allowing for prompt installation during the summer break. Finished in a bright turquoise-green PPC, the canopies not only provide valuable shade for pupils, but also brighten up outside lessons on rainy days which may still continue thanks to the canopies.



# Holmes Chapel Comprehensive

## Outside dining & social space

Following a previous successful canopy installation to the rear of the school, Fordingbridge were delighted to be specified to undertake the design and build of an additional canopy to form a new covered social area at Holmes Chapel Comprehensive School in Cheshire.

Fordingbridge were tasked with the structural design, manufacture and installation of the 390sqm canopy to provide protection for students from rain, snow and UV. Using sustainably sourced glulam (glulam) timber, the 12.5m clear span provides optimal space for students, allowing for a carefully crafted area of hard landscaping, with built-in granite benches running alongside a ramp to ensure the area is fully accessible.



'Create multifunctional covered area to tie-in with new reception building'



12.5m x 31m



GL24 structural glulam



Light Oak



16mm triple-wall polycarbonate





Education

# West Lodge School



Education



6m x 8m



CE marked steel



RAL 9010



Ferrari precontraint<sup>®</sup> 702 fabric

## Twin conic tensile canopy

A twin conic tensile canopy serves as a social and dining space for pupils at West Lodge School. Practical in design, this fabric structure is ideal for a school or college environment. The canopy takes only two days to erect, meaning minimal disruption to a school's site.

The fire-retardant 750g/m<sup>2</sup> PVC fabric roof covering is 100% waterproof, highly durable and offers high UV protection. Steel structures are CE marked which attests the verification by Fordingbridge that these products meet EU safety, health and environmental requirements.






Our range of high quality waterproof tensile structures are perfect for outdoor classrooms, student social areas, play areas, walkways and outdoor dining areas.



Education

# Kaizen Primary School



-  'Provide cover for MUGA to allow for year round use & after school hire'
-  Ladder trellis
-  CE marked steel
-  RAL 9010 Pure White
-  16mm triple wall polycarbonate



## School & community sport in all-weather

Fordingbridge designed, fabricated and built a large barrel vaulted steel canopy to shelter Kaizen Primary School's multi-use games area.

Multi-use games areas are growing ever more important with schools and communities so that they can ensure all children have the opportunity to engage in appropriate play all year round.

The canopy is 4.5m high and finished in a polycarbonate roofing solution which is well known for its UV resistance and longevity. The structure has the added capability to increase revenue streams for Kaizen School with its ability to offer out of hours use to the community.





**I'm just back from Duncan Forbes Primary School. The canopy looks great & fits perfectly.**

**We are all very pleased with the service from Fordingbridge**

Laura Forbes  
The Highland Council - Duncan Forbes School



Education

# King Alfred Academy



'Provide structure for outside dining & extra learning space



Glulam barrel vault with motorised sides



6.5m x 15m



Structural glulam timber



Opal 60 & UV stable roller blinds



## Motorised roller blinds for ultimate weather protection

Adding a contemporary feel to this recently built school, Fordingbridge were tasked with the design, manufacture and installation of a structural glulam timber canopy adjacent to a sports field to fulfil the need for additional covered dining space.

With space at a premium for dining and socialising between lessons, the canopy area now fills the gap while also doubling as an outside classroom, with our exclusive Opal 60 roof covering ensuring the space is naturally well lit and protected from rain and snow.

To address potential issues of driving rain, wind and also to aid safeguarding requirements, we included the installation of remotely operated roller blinds to three faces of the canopy, allowing the school to add a further element of protection when required. With the additions of heating and light, the canopy now provides a welcome environment through all weather, at any time of day.



## Education

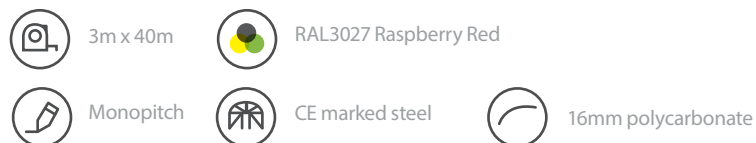
## Chichester Free School



## Substantial shelter for converted convent

Working in conjunction with a leading local main contractor, Fordingbridge were given the opportunity to cover the outside space for the EY and KS1 area of this newly converted convent which now serves the area as a large Free School.

Our canopies are often chosen by building specifiers due to the superior craftsmanship involved, thanks to our in-house manufacturing. We also provide site-specific structural calculations with all of our education installations with no extra cost.



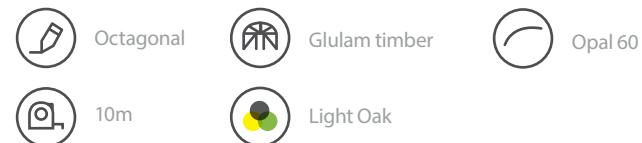
## Arthur Mellows Village College



## Multiple shelters for student space

This Ofsted outstanding rated secondary school in Peterborough wanted to create an inspiring, all-weather social and breakout space to be used for teaching as well as during break time by staff and pupils.

The perfect solution, three 10m octagonal structural timber canopies with Opal 60 roofs and mill finished aluminium gutters and downpipes. The Opal roof fabric is 100% waterproof, allows 60% light transmission and protects users from harmful UV rays.





## Education

## Butlers Court School



## Dining, learning &amp; play space

This mono pitch canopy nestles alongside an existing building to provide a covered dining space. It also shades the building to prevent overheating during the summer months.

The structure is finished in the organisations colours and has a 25 year guarantee. All of our steel work is designed and manufactured by our in-house technical team, meaning precision in design and engineering and speed of manufacture for your convenience. Fordingbridge is a fully CE mark approved manufacturer of steel fabrications.



7m x 12m



RAL3005 Signal Blue



Barrel



CE marked steel



16mm polycarbonate

## Stockport Grammar School



## Statement solution for aesthetic cover

Fordingbridge were approached by the architect to design and build a striking timber canopy for this leading independent school in Stockport, Greater Manchester.

Offering weather protection for parents, students and staff, the canopy also makes a strong statement, adding a contemporary twist to the historic architecture on the school's estate.

Cantilever/  
barrel

Glulam timber



16mm polycarbonate



7m x 25m



Light Oak



## Education

## Durrington First School



## Extending learning space outside the classroom

With a 5m span, the steel canopy for Durrington First School provides substantial shelter, allowing children to take their learning outside in any weather. The monopitch design allows generous natural daylight while reducing risk of driving rain blowing under the canopy into the space.

The addition of brightly coloured padded post protectors provide an extra element of safety for younger pupils



5m x 20m



RAL 7016 Anthracite



Mono pitch



Polyester powder coated steel



16mm polycarbonate

## Marlborough Science Academy



## Covered courtyard for additional dining space

We were contacted by the 1,300 student academy in St Albans to assist in providing a large covered space for students to dine and socialise between classes. Using our inhouse design and engineering capabilities, we manufactured the 250sqm canopy at our West Sussex factory prior to delivery and swift installation at the school.

Our unique Opal 60 fabric for the roof ensures rain and snow protection, while also blocking UV, all while allowing 60% natural daylight.



10.5m x 23m



RAL 3011 Brown Red



Barrel vault



Polyester powder



Opal 60





## Roofing

Fordingbridge principally utilises two different types of roofing solution for its structures – 16mm triple walled polycarbonate or a fabric membrane. We also clad our structures in solid polycarbonate, insulated panels or glass.

### Triple Walled Polycarbonate

Longterm weather durability, dimensional stability and excellent toughness make the 16mm triple walled polycarbonate solution an ideal roof glazing material for applications where longevity and safety are at the forefront of the agenda. All our polycarbonate clad structures conform to Class B non-fragility standards.

In addition, the product utilises a UV coating that protects the technology from degradation and makes it an ideal choice for playground canopies to protect children from harmful rays.

#### Main benefits

- ▶ Weather and UV resistant
- ▶ Excellent structural durability
- ▶ High light transmission
- ▶ Blocks virtually all UV radiation
- ▶ Extremely lightweight yet impact resistant
- ▶ High fire ratings
- ▶ 15-year guarantee

### Fabric Membrane Technology

Our fabric membrane is being utilised more frequently within the structures we design and build, ranging from garden centre retail areas to sport and leisure facilities.

Fabric covering offers many advantages. One contributing reason is that the technology's translucency provides evenly distributed lighting without glare and shadows. This can be a benefit to plant retail areas for optimal growing conditions and also players and spectators at sports events. Additionally, due to the fabric's low thermal inertia, heat comfort is greatly improved in both the summer and winter months.

The thermal and light properties also account for significant savings in lifetime energy costs, meaning that lighting systems are needed far less during a typical year.

#### Main benefits

- ▶ Weather and UV resistant
- ▶ Durability and stretch resistance
- ▶ Noise reduction and sound insulation
- ▶ Transparency and luminosity
- ▶ High fire ratings
- ▶ 10-year guarantee



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"The staff & pupils are thrilled with the canopies that Fordingbridge installed at our school. We now have large outside spaces that are protected from the elements & enhance our pupils learning on a daily basis.

The children are also able to play outside in all weathers & enjoy the freedom that this has created.

The service we received from Fordingbridge was excellent; they fulfilled all their promises & deadlines & their installation team were extremely considerate. We highly recommend the whole team at Fordingbridge"

Katie Jarvis  
Bersted Green Primary School

CONFIDENCE

## Industry Leading Guarantees

Our processes, combined with over 55 years of experience, allow us to provide exceptional guarantees as testament to our confidence