

Bluebay
BUILDING PRODUCTS

Solco

BY BLUEBAY BUILDING PRODUCTS

**Project solutions
you can trust.**



Our products.

FLAT TOP HYCHAIRS

Flat Top Hychairs are designed specifically for ground floor slab applications, providing a stable reinforcement support system while preventing any risk of puncturing damp proof membranes. Manufactured using steel compliant with BS 1052, each unit undergoes visual inspection to verify dimensional accuracy, height consistency, and weld integrity. Supplied in 1 metre or 2 metre lengths, the hychairs are pre formed for rapid installation on site, eliminating the need for assembly and ensuring efficient placement within slab construction.



Available in a range of heights (mm):

50 / 60 / 75 / 90 / 105 / 120 / 135 / 150 / 165 / 180 / 200

Above 150mm high and above are available on request.

Heavy duty hychairs can be made in 4mm, 5mm and 6mm on request.



Bluebay are the UK's leading supplier of construction and civil engineering building products

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SOLCOURSE 3S DPC

Solcourse 3S Damp Proof Course is a high performance, bitumen free polymeric DPC manufactured from a blend of thermoplastic polymers to provide exceptional puncture and tear resistance. Suitable for horizontal, vertical, or stepped applications in solid or cavity walls, it offers reliable moisture protection across brick, block, stone, and concrete constructions. Its flexibility prevents brittleness at low temperatures, ensuring it can be folded or unrolled without cracking, while maintaining excellent waterproofing properties. Easy to cut and install, Solcourse 3S is BBA Agrément Certified and CE Marked, delivering superior performance under load with compatible jointing accessories and preformed cloaks available.



SOLCOURSE POLYTHENE DPC

Solcourse Damp Proof Course is designed for use in brick, stone, and concrete walls to provide a robust barrier preventing the upward transmission of moisture within structural elements.

To meet current building regulations, the DPC must be installed within the mortar bed approximately 150 mm above the structure's base and is not suitable for use as a cavity tray above openings, for which Solcourse 3S or HP variants are recommended.

Available in a range of widths with an optional cut to size service, the DPC features flexibility and bold embossing on both sides to enhance mortar adhesion and is supported by a full suite of compatible system accessories.

Roll sizes available: 100mm - 900mm



SOLCOURSE HIGH PERFORMANCE DPC

Solcourse HP DPC is a bitumen free polymeric damp proof course engineered using advanced polymer technology to provide high durability and long term moisture protection. It is suitable for horizontal, vertical, and stepped applications in solid or cavity walls constructed from brick, block, stone, or concrete, including use within pre formed cavity tray systems. The material is BBA Agrément Certified and CE Marked, capable of withstanding high superimposed loads, and remains flexible at low temperatures. It offers excellent resistance to Radon and CO₂, delivers high strength and puncture resistance, and is fully compatible with the Solco Cavity Tray System while meeting NHBC standards.

Roll sizes available:
100mm - 900mm x 20mt rolls

SOLCOURSE DAMP PROOF MEMBRANE (DPM)

Solcourse DPM Membrane is a BBA approved damp proof membrane designed to comply with relevant building regulations and provide an effective barrier against rising moisture in building structures. Manufactured from high quality 100% recycled polythene, it offers a strong, flexible and highly durable solution with excellent resistance to water vapour penetration. Supplied in 1000g, 1200g, and 2000g thicknesses, the membrane is available in a multi fold format for efficient handling and storage, with each roll uniquely labelled for full traceability. Compatible accessories, including single and double sided tapes, top hats, and preformed corners, support complete system installation.



K140 BITUMEN EMULSION

Bluebay Tack Coat K140 Emulsion is a cationic bitumen emulsion formulated to comply with grade C40B4 of BS EN 13808:2013, providing a high performance adhesive bond between existing surfaces and bituminous overlays.

Cold applied and quick setting, K140 enhances operational efficiency and delivers reliable adhesion even in damp conditions. The emulsion is fully waterproof and can also function as an effective vapour barrier.

It is suitable for a wide range of roof coverings, including asphalt, and is compatible with concrete, asbestos, iron, steel, zinc, lead, slate, and tile substrates. K140 is supplied in 25 kg and 200 kg packaging options.

SOLTEX EXPANSION JOINT FOAM

Soltex Expansion Joint Foam is a closed cell, non cross linked, semi rigid polyethylene joint filler designed for movement, expansion, and isolation joints in brickwork, blockwork, and concrete slab construction.

Its low density composition provides suitable compressive resistance for masonry applications, and it fully complies with BS 5628 3:2001 Section 5.4.3 for masonry use. The material is ozone, oil, and weather resistant, with water absorption of less than 1% by volume. Its non absorbent closed cell structure eliminates the need for additional bond breakers and supports potable water applications.

Joint widths should be sized at approximately twice the expected movement to accommodate filler and mastic compressibility.



Rolls:
10mm, 12mm, 15mm x 10mt rolls

Strips:
20mm, 25mm x 2mt strips

Sheets:
10mm, 12mm, 15mm, 20mm, 25mm x 2mt x 1.2mt sheets

Standard widths:
100mm, 150mm, 200mm
(other widths available)

SOLCO WATERSTOP 5KG

Solco Waterstop is a rapid setting, cementitious repair compound formulated for the immediate patching and plugging of active water leaks and seepage in concrete and masonry substrates. The material expands during curing to create a durable, permanent watertight seal that exhibits properties similar to cured concrete. It offers high bond strength, fast setting and curing performance, and resistance to both positive and negative water pressure. Solco Waterstop is suitable for internal and external applications, including use above and below ground.



CONCRETE DOUBLE COVER BLOCK SPACER

Bluebay Concrete Double Cover Block Spacers are manufactured from extruded fibrous concrete with a minimum compressive strength of 50 N/mm² and are produced in accordance with BS 7973 1:2001. The trapezoidal concave design provides high tensile strength and stability during installation.

As part of the Bluebay extruded fibre reinforced spacer range, these components ensure the required concrete cover to reinforcement is maintained before and during concreting, supporting long term structural durability. Their fibre concrete composition provides optimal compatibility with in situ concrete, and they are engineered with strength and durability characteristics suitable for both site cast and precast concrete applications.



CONCRETE SQUARE BAR SPACER

The Bluebay Square Section Spacer is a high strength, extruded fibre concrete spacer designed for heavy duty horizontal reinforcement applications and is available in 90 cm and 100 cm lengths. Engineered to ensure accurate concrete cover to reinforcement in both structural elements and general construction, the spacer provides optimal compatibility with in situ concrete due to its fibre reinforced composition. Manufactured to deliver consistent strength and durability for both site cast and precast concrete environments, its performance complies with BS 7973 requirements and aligns with the Concrete Best Practice Guide produced by the European Concrete Societies Network, contributing to long term structural integrity.



Building a greener tomorrow, together.





Experienced in-house CSSW qualified technical team that deliver structural waterproofing & gas projects in line with site investigation reports

solco.co.uk

Bluebay's technical model incorporates its proprietary product line, Solco (by Bluebay). This specialised offering delivers solutions for diverse construction needs, with a particular emphasis on structural waterproofing, gas protection, and building chemical solution. We provide comprehensive solutions for projects requiring specialised technical design.

The Solco range technical offering:

STRUCTURAL WATERPROOFING

This covers systems and products designed to prevent water ingress into structures, ensuring basements, foundations, and other below-ground elements remain dry and protected. This would include various membranes, sealants, and associated components.

GROUND GAS PROTECTION SYSTEMS

These are crucial for managing and mitigating the risks associated with ground gases like radon, methane, and carbon dioxide. The Solco range offers high-performance gas membranes and venting components to create a safe environment.

CIVIL & CONTAINMENT LINING

This aspect of the Solco range focuses on geo-membranes used for waterproofing and chemical lining in applications such as attenuation tanks, ponds, lakes, lagoons, reed beds, coastal protection, and tunnelling.

EXPANSION, MOVEMENT & CONSTRUCTION JOINTS

Solco provides a variety of joint fillers (including fire-rated specifications) and sealing strips for movement joints in structures. These are vital for accommodating thermal expansion, contraction, and structural movement, ensuring the integrity and longevity of the building.

BUILDING CHEMICALS

This broad category includes a range of chemical solutions for various construction needs. While specific products would vary, it encompasses items like grouts, adhesives, repair compounds, and other specialised chemical formulations.

VENTILATION & COLD BRIDGING

Solco also offers British manufactured roofing, floor, and wall ventilation products, cavity trays, barriers, and access solutions.



Our values.

1. Expertise through experience

With nearly two decades in the industry, we bring deep sector knowledge and technical proficiency to every project.

2. Client-focused innovation

We listen closely to our clients' needs and respond with thoughtful, agile solutions – from product adaptations to full technical support.

3. Trusted partnerships

Our success is built on strong, long-standing relationships – with clients, suppliers, and our own team – founded on mutual trust and shared ambition.

4. Technical excellence

We offer independent, impartial advice backed by CAD design capabilities and hands-on technical know-how, ensuring the right solution every time.

5. Collaborative spirit

We see ourselves as an extension of our clients' teams – approachable, proactive, and committed to delivering value at every stage.

6. Nationwide reach, local service

Operating from four depots across the UK, we combine national scale with the attentive service of a specialist supplier.

7. Sustainability in practice

We take responsibility for our environmental impact and actively support clients in achieving their sustainability goals through eco-conscious products and practices.

8. Integrity and clarity

We believe in clear, honest communication – making recommendations with confidence, and always delivering on our promises.

Our locations.

1 Bluebay Scotland

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3 Bluebay North West

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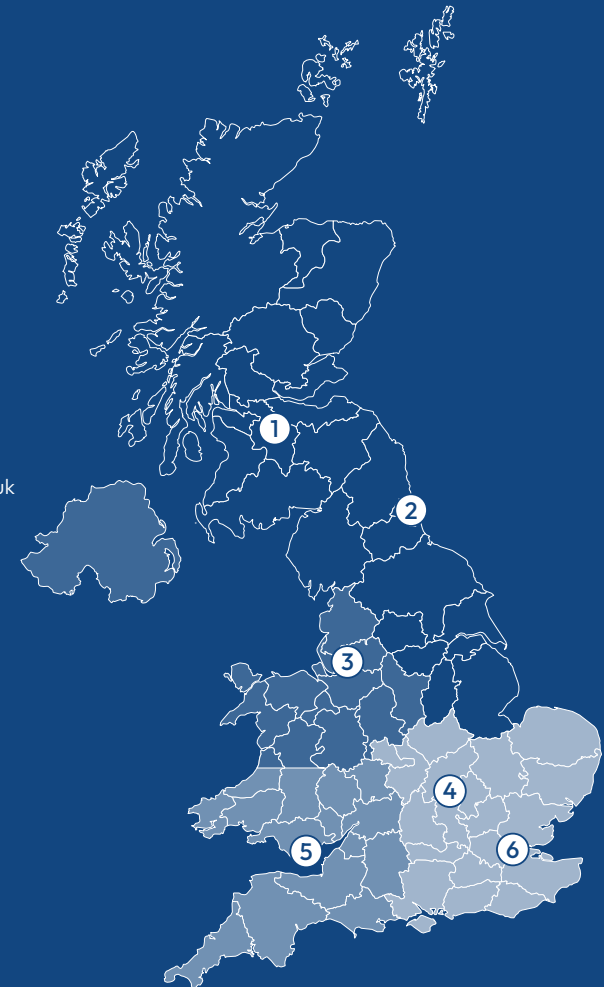
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