



**Your Guide to PRB Systems**

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A romantic couple is shown from behind, embracing each other. The man is wearing a red and white checkered shirt, and the woman is wearing a red top. They are standing in front of a large, modern house with a dark roof and light-colored walls. The scene is set against a warm, golden sunset sky. The woman is holding a set of keys with a house-shaped keychain.

**INSPIRATION  
AWAITS**

# The Journey So Far

Renowned for its love of a job well done, PRB is based in the Vendée region of Western France and was created in 1975 by Jacques LAURENT, a mason by trade, like his father. Knowing the trade perfectly, Jacques LAURENT's objective was to offer a coating product that met the requirements of construction professionals.

Known for its leadership in innovation and sustainable development, PRB offers the first complete Responsible & Sustainable range of technical solutions with a reduced carbon footprint in the building industry. PRB has the largest, single manufacturing plant in the EU, meaning it can produce enough material for the average UK home in 4 minutes.

In 2018, PRB was proud to announce the start of a new and strong partnership with its exclusive representative in the UK, PRB Systems Ltd. PRB Systems Ltd is a family-owned company which understands the core values of high-quality service and products. PRB Systems is strategically located in Gloucestershire enabling a nationwide distribution hub for stockists around the UK.

## 2018 THE BEGINNING OF PRB UK

PRB is proud to announce the start of a new and strong partnership with its exclusive representative in the UK. PRB Systems has been strategically located in Gloucestershire enabling a nationwide distribution hub for stockists around the UK.

## 2019 FIRST YEAR MILESTONE

This was the first official year for PRB Systems in the UK. Bringing a new product into the market was no small task, however the team at PRB rose to the challenge by targeting new and existing contractors that we had worked with and gained the trust of over many years.

## 2020 GROWTH

Due to demanding growth, we were over-joyed to expand the team. We welcomed a Northern Business Development Manager and Technical Manager to help us reach the next level of success.

## 2021 BECOMING THE PREFERRED PARTNER

A milestone was reached in 2021, PRB monocouche renders, Superbrut and OZÉ were the first render systems to be featured on the NHBC Accepts list. NHBC is the leading warranty and insurance provider for new homes in the UK.

## 2022 GOING GREEN & BBA CERTIFICATION

2022, a busy yet rewarding year for PRB Systems. With the launch of The ECO Division, a range of eco-friendly solutions plus achieving the BBA Certification for monocouche renders Superbrut, OZÉ and ALG. This certification offers a 30 year system at a finished thickness of 12mm, against industry standard of 15mm, helping us to achieve our company objective of reducing the impact on the planet.

**P**roduits  
**R**evêtement  
**B**âtiment



# The ECO Division

The ECO Division, launched into the UK market in 2022, is a range of eco-sustainable systems. We believe that by reducing our carbon footprint sets a good example and will also enable us, our customers, and the end users to meet and achieve a more sustainable future with innovative, exceptional products.

## OUR AIM

*Leading the industry to a low carbon future*

*“To become a carbon neutral business, helping save the planet and reducing our carbon footprint.”*

*PRB Systems*

Our primary focus is to allow PRB Systems to be focused towards environmentally sustainable products and solutions by maintaining and enhancing our carbon neutral footprint and setting an industry standard.

There are a range of benefits with our new ECO Division, firstly, all products have been designed and manufactured to be eco-friendly. There are several 100% cement free products, each product having their own carbon footprint reduction and all material has the ability to meet sustainable market requirements. We are proud to be introducing a guaranteed cement-free monocouche one coat render, the first to enter the UK market.

Partnering with leading environmental organisations Ecologi and Positive Planet allows us to become a certified climate positive workforce and carbon neutral organisation. Meaning we are carbon offsetting as a company, and individually too.



Eco-friendly solutions unique to PRB Systems



Up-to a 69% carbon footprint reduction



Meets sustainable market requirements

# The Preferred Partner

PRB has become the preferred partner of contractors and partners across the UK, offering unrivalled support and back up.

Our Sales and Technical team are willing to help with your project from start to finish, offering expertise, advice, and tailored specifications. Turning your house into a home, or your property into a work of art.

We offer a product sample service for you to see the colour and feel the texture. As we hold an impressive colour chart of over 100 shades, it's important to us, that you view your colour in real life.

### PRO Contractor Network

We happily recommend professional rendering contractors to customers. Companies who have carried out several PRB projects to the highest standard. This network is growing rapidly, featuring some of the top rendering contractors in the UK.

The PRO Contractor Network is extremely beneficial to rendering contractors, offering competency, certification, lead generation, system warranties and training.

# Accreditations

Our systems have a range of accreditations, most recently, our monocouche renders have achieved 2 of the leading accreditations in the UK, BBA Certification and NHBC Accepts. We also have European Technical Approvals for our External Wall Insulation systems.



National House-Building Council



British Board of Agrément



Quality in Building



European Organisation for Technical Assessment



UK, Ireland and Channel Islands Distribution

# Products That Withstand the Test of Time



# Your Guide to Render Systems

In its most basic form, external render applied to the outside of a building, is designed to create a protective, weatherproof coating, that significantly limits the amount of water reaching the substrate. As an example, its composition should prevent wind driven rain penetration but should at the same time, not stop the passage of water vapour, no matter the construction, height, location, or use of the building. Aesthetically, render provides a decorative finish, both in colour and decorative styles, which can also enhance the appearance of the building, but is also durable and able to deal with a range of exposure conditions too.

## Monocouche Render Systems

Monocouche renders are applied onto cement mortar constructed masonry substrates and are classed as one coat through coloured renders that contain a blend of cement, sands, finely blended aggregates, admixtures, such as water retention agents, air entraining agents, waterproofing agents, accelerators/retarders and anti-fungal protection. This gives the render both weather protection and decoration to masonry buildings. Monocouche renders from PRB are available in several hundred colours including bright and vivid colours. These can also include colours which are called SUN+ colours offering high fade resistance to UV light.

Monocouche renders are designed to be applied by mechanical spray render machines. However, they can also be hand applied, to a thickness between 12 mm and 20 mm in a single application. A variety of finishes are achievable, such as a scraped texture, a heavy or light roughcast/textured finish, sponge or traditional trowelled or bagged finishes. These finishes can all receive the addition of ashlar detailing.

## Lime Render Systems

A lime render in its simplest form is a render that contains only lime and a range of blended sands, fine aggregates and specific additives.

Lime render systems are more breathable and ductile than a cement based render and can be used on all masonry type substrates, but must be used when the building is constructed of lime mortar, for example Victorian or earlier type constructions, or when the substrates are earth based for example, cob, wicket, bungaroosh, adobe etc.

Lime renders can be applied to cement mortar constructed structures too, such as concrete block constructed houses.

There are lime render solutions to deal with below ground applications and to deal with salt petre situations, together with lime suction control coats, base coats and through colour top coats that can be both sprayed or hand applied. These systems can be finished in both the traditional trowelled, sponged, bagged finishes as well as scraped and textured finishes, which can all receive further ashlar detailing.

## When Best To Choose A Lime Render System

If a building is constructed with a lime mortar, it should only be coated with a lime render system.

Applying a cement based render onto a lime mortar constructed building is detrimental to the fabric of the building, and will invariably crack. It then allows water to penetrate into the building fabric, which can also be affected by frost, and this causes further damage to the fabric of the building. In addition, a cement render has less breathability than a lime render which could lead to trapped moisture behind the render, which may result in the surface of the building breaking down as well as causing damp walls, mould and long term degradation of the property. This can also lead to an adverse affect on both the health of the building and its occupants.

A lime render is also more sustainable than a cement render, which can help towards the reduction of carbon emissions, both in manufacturing but also in having the ability to capture carbon too.

## External Wall Insulation Systems

External wall insulation render systems (EWI) comprises a layer of specialist insulation coated with a render system comprising a thin organic or thick render finish. Depending on the type of wall construction and building use, the insulation used is manufactured from either white or graphite enhanced expanded polystyrene, stone wool or wood fibre. Depending upon the application, the insulation can be both bonded and mechanically fixed to the building substrate or bonded only with supplementary mechanical fixings.

EWI is installed externally to either newly constructed or existing walls of masonry, concrete or render boards. The insulation is then covered with either a thin coat render system or a lightweight monocouche render system.

EWI is often used as part of new construction to enhance thermal benefits to the building or as an improvement to existing properties to upgrade its thermal efficiency.



## The Benefits of External Wall Insulation

EWI improves the thermal performance of a building, which assists in helping towards the reduction of heat loss, improved energy bills and reducing carbon impact.

EWI contributes to the appearance and aesthetics of a building.

EWI prevents or reduces draughts, leading to a more comfortable living environment.

EWI is less disruptive to install compared to insulating walls internally.

EWI contributes to the thermal mass of a building.

In addition to enhanced weatherproofing, a well installed EWI system will also contribute towards improved sound resistance. Particularly beneficial when applied as a retrofit solution to an existing property.

A well designed EWI system will prevent condensation from forming on internal walls.

PRB can offer a U Value and interstitial condensation/dew point analysis calculation services too.

## Finishes Achievable

PRB offer two types of render finishes for EWI systems | Thin coat render or a lightweight monocouche render.

A thin coat render system which consists of a thin base coat between 3 - 6 mm, reinforced with mesh throughout, followed by a primer coat and a ready to use decorative and coloured finishing thin coat in two grades: Standard performance acrylic, which is enhanced with siloxane or a high performance siloxane grade, which is a full siloxane resin based top coat. The top coat finish is produced in a range of grain sizes and the finished appearance is determined by the application technique used. Due to their composition, thin coat finishes are available in a significant range of top coat colour choices. Thin coat renders also have the advantage of being particularly crack-resistant, so they are suitable where EWI and render board systems are being used on timber framed structures or for ICF systems. The full siloxane high performance coating is particularly suited for use in highly polluted locations or where a property is surrounded by trees or where the property is located in a high exposure or coastal location.

A lightweight monocouche render system consists of a thin base coat between 3 - 4 mm, reinforced with mesh throughout, followed by a specially developed through coloured lightweight monocouche render designed for EWI applications that can match the finishes and appearance of traditional through colour renders. The monocouche finish provides an attractive appearance, and is available in a wide range of colours which can be applied to create a range of finishes. It can also receive a hydrophobic coating to provide enhanced weather performance in high exposure and coastal locations and where a property is surrounded by trees.

Each of the finishes provides a low maintenance, weatherproof, lightweight and breathable solution.

## The Texture

In thin coat finishes, the aggregate size determines the appearance, namely 1mm or 1.5mm. The finish is created either by hand where the applicator, using a plastic float which rolls the aggregate to create the final appearance or by mechanical spray application which creates a more closed-up finish.

The monocouche render can achieve a range of finishes. It is first applied to a scratch prepared basecoat by hand or by a spray render machine to an approximate thickness of 11-12 mm before the top 3 mm is then scraped back, levelling to approx. 8 mm and then finished using a special nail float to create a scraped textured finish. Alternatively it is applied to a thickness of 8 mm before a texture finish is applied by a spray render machine either as a light, medium or heavy textured finish. In addition, further ashlar detailing can also be achieved in the monocouche finish.

## Render Board System

A render system applied directly onto a render board is generally used on either steel or timber frame constructions, with or without a cavity. The render board must be a minimum of 12 mm thick, A1 or A2 calcium silicate, cementitious or fibre cement render board approved by PRB. To ensure proper installation of the render boards, it is essential that they are fitted with non-corrosive fixings and that approx. 2 mm of space should be left between each board. The boards should be cut and installed around openings, in an L Shape to avoid vertical straight lines coming off the corners of openings. Before applying the render system, the board joints must be treated with a thin 1 - 2 mm layer of Fondisol F base coat approx. 100 mm wide and reinforced with AVN mesh.

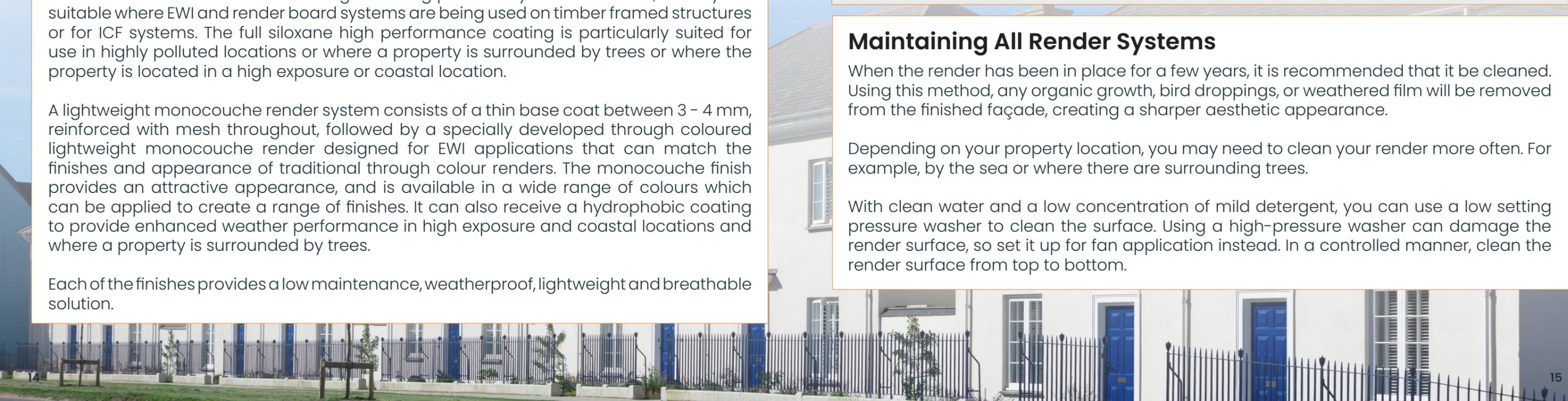
The render system that can be applied is the same as that applied onto an EWI system, namely either a thin coat render system consisting of a thin base coat between 3 - 6 mm, reinforced with mesh throughout, a primer coat, followed by a ready to use thin coat render application. Alternatively, a lightweight monocouche render system consisting of a thin base coat between 3 - 4 mm, reinforced with mesh throughout, followed by a specially developed through coloured lightweight monocouche render that can match the finishes and appearance of traditional through coloured renders, and all as detailed in the Finishes Achievable section.

## Maintaining All Render Systems

When the render has been in place for a few years, it is recommended that it be cleaned. Using this method, any organic growth, bird droppings, or weathered film will be removed from the finished façade, creating a sharper aesthetic appearance.

Depending on your property location, you may need to clean your render more often. For example, by the sea or where there are surrounding trees.

With clean water and a low concentration of mild detergent, you can use a low setting pressure washer to clean the surface. Using a high-pressure washer can damage the render surface, so set it up for fan application instead. In a controlled manner, clean the render surface from top to bottom.



# The PRB Product Range

Our product range offers an extensive variety of solutions. The range includes base coats, primers, suction control layers, monocouche renders, thin coat renders, external wall insulation systems, lime systems, hydrophobic coatings, specialist products plus our newly launched eco materials.

Area of use plus coverage is noted for each product, guiding you to a perfect application.

## Base Coats

SC Gris



**SC Gris** is a semi-lightweight, fine grained basecoat. Can be finished with a monocouche render such as Superbrut or OZÉ or coated with a range of decorative finishes such as PRB paints Color Silocryl, Color Siloxane or thin coat renders Crépissix or Crépothane.

Classification - EN 998-1 Type OC1 Class CS II



**Area of Use**  
Renovation and new builds, on suitably prepared masonry substrates. Particularly suited for lightweight or low-density substrates i.e. stonework\*, old soft brickwork\* and lightweight aircrete blockwork\*.  
*\*Recommended the substrate receives a suction control coat of Accrofix Pâte.*

**Coverage**  
5 mm - 3.8m<sup>2</sup> per 25 kg bag  
10 mm - 1.9m<sup>2</sup> per 25 kg bag  
15 mm - 1.28m<sup>2</sup> per 25 kg bag  
20 mm - 0.8m<sup>2</sup> per 25 kg bag

Accrofix Powder



**Accrofix Powder** is a thin bonding or suction control mortar for creating a sound substrate to render to. Rich in binders, it provides a good adhesion between the substrate and the render. Used on concrete and new and existing substrates. Suitable for receiving a base coat, or PRB decorative one coat renders.

Classification - EN 998-1 Type GP Class CS IV



**Area of Use**  
For use on renovation and new builds, with suitably prepared masonry substrates. Ideally suited when multiple substrates are present on a single building.

**Coverage**  
3 mm - 6.0m<sup>2</sup> per 25 kg bag  
5 mm - 4.0m<sup>2</sup> per 25 kg bag

Classic TAL



**Classic TAL** is a dense, fine grain, grey, one coat render used for interior and exterior walls, giving a smooth fine finish. Can also receive a monocouche render finish such as Superbrut or OZÉ or coated with a range of decorative finishes such as PRB paints Color Silocryl, Color Siloxane or thin coat renders Crépissix or Crépothane.

Classification EN 998-1 Type OC3 Class CS II



**Area of Use**  
Renovation and new build on suitably prepared dense concrete blockwork and strong/hard brickwork\* substrates.  
*\*Recommended the substrate receives a suction control coat of Accrofix Pâte.*

**Coverage**  
5 mm - 3.1m<sup>2</sup> per 25 kg bag  
10 mm - 1.56m<sup>2</sup> per 25 kg bag  
15 mm - 1.04m<sup>2</sup> per 25 kg bag  
20 mm - 0.8m<sup>2</sup> per 25 kg bag

Rénomur Top



**Rénomur Top** is a thin, renovation base coat used for refurbishment of facades that have a painted coating. The base coat avoids the use of harmful and polluting solvents. Suitable to receive a PRB decorative one coat, lime or thin coat finish.



**Area of Use**  
New build and renovation projects where a render application is required to an acrylic based painted substrate. Refer to the PRB Rénomur Top system technical data sheet detailing the diagnosis and adhesion test guidelines.

**Coverage**  
4 mm - 4.1m<sup>2</sup> per 25 kg bag  
5 mm - 3.3m<sup>2</sup> per 25 kg bag  
6 mm - 2.7m<sup>2</sup> per 25 kg bag

Rénomur Pâte



**Rénomur Pâte** is a pre-mixed, ready to use, thin application, renovation base coat used for the refurbishment of facades that have a painted coating. The base coat avoids the use of harmful and polluting solvents. Suitable to receive a PRB decorative one coat, lime or thin coat finish.



**Area of Use**  
New build and renovation projects where a render application is required to an acrylic based painted substrate. Refer to the PRB Rénomur Top system technical data sheet detailing the diagnosis and adhesion test guidelines.

**Coverage**  
3 mm - 5.0m<sup>2</sup> per 20 kg container  
5 mm - 3.0m<sup>2</sup> per 20 kg container

SE Allégé



**SE Allégé** is a lightweight, fibred base coat, designed as both a dubbing out and base coat, particularly suitable for old buildings. Can be applied in thick layers with no shrinkage and is ideal for deep voids. Due to its composition, it benefits from low consumption. Suitable to receive a PRB decorative one coat, lime or thin coat finish.

Classification - EN 998-1 Type LW Class CS II



**Area of Use**  
Renovation and new build on suitably prepared masonry substrates. Particularly suited for lightweight or low density substrates e.g. stonework, old soft brickwork and lightweight aircrete blockwork.

**Coverage**  
10 mm - 2.48m<sup>2</sup> per 25 kg bag  
15 mm - 1.55m<sup>2</sup> per 25 kg bag  
20 mm - 1.24m<sup>2</sup> per 25 kg bag

Fondisol F



**Fondisol F** is a fibre reinforced, thin base coat/dash receiver for use on external wall insulation systems and render board applications. Fondisol F is also used for bonding insulation panels onto substrates. Suitable for use with the PRB insulation and render board systems.



**Area of Use**  
All applications using the PRB external wall insulation and render board systems, in addition to render board joints.

**Coverage**  
10 - 11m<sup>2</sup> per 25 kg bag  
As a full bed bonding coat to a flat substrate  
9 - 10m<sup>2</sup> per 25 kg bag  
For spot bonding the insulation  
4.2 - 5.5m<sup>2</sup> per 25 kg bag  
As a 3 mm - 4 mm base coat/dash receiver  
2.6 - 3.0m<sup>2</sup> per 25 kg bag  
As a 5 - 6 mm base coat

Fondisol PE



**Fondisol PE** is a pre-mixed, ready to use base coat and adhesive for use on the PRB Thermopate EPS external wall insulation system. Fondisol PE is flexible with high shock resistance and is suitable for use over stone wool fire breaks within the system and for applications onto render boards.



**Area of Use**  
For use with the PRB Thermopate EPS external wall insulation system.

**Coverage**  
4.0 - 5.0m<sup>2</sup> per 20 kg container  
As a 2.5 mm - 3 mm base coat

Belle Epoque Sous Enduit



**Belle Epoque Sous Enduit** is a weatherproof and highly breathable, NHL 3.5 heritage lime base coat render, suitable for use on existing or new exterior or interior walls on all types of buildings. Suitable also for re-pointing stone, brick and brick slips. Ideal for older buildings.

Classification - EN 998-1 Type GP Class CS II for white  
Classification - EN 998-1 Type GP Class CS III for grey



**Area of Use**  
As a base coat on buildings constructed of lime mortar, stonework, concrete blockwork, lightweight aircrete blockwork, brickwork, render, concrete and clay blockwork. *Prior to application it is recommended the substrate receives a suction control coat of PRB Primchaux PE.*

**Coverage**  
10 mm - 1.45m<sup>2</sup> per 25 kg bag  
15 mm - 1.0m<sup>2</sup> per 25 kg bag  
20 mm - 0.72m<sup>2</sup> per 25 kg bag

## Primers and Suction Control

SC150



**SC150** is a renovation base coat for damp substrates and/or walls suffering from saltpetre. Designed to treat outdoor or indoor walls on all types of construction in order to reduce the effects of rising damp and migrating salts.

Classification – EN 998-1 Type OC1 Class CS I



### Area of Use

Damp substrates to all types of masonry, both internal and external.

### Coverage

1.7m<sup>2</sup> per 25 kg bag  
 10 mm – as a decorative finish over existing  
 1.1m<sup>2</sup> per 25 kg bag  
 15 mm – One coat to level, straight concrete and lightweight aircrete blockwork, clay blockwork  
 0.9m<sup>2</sup> per 25 kg bag  
 20 mm – One coat to brickwork or renovation work

Accrofix Pâte



**Accrofix Pâte** is a ready to use, coloured and textured coating providing a sound adhesive layer for base coat and one coat decorative renders. Controls and balances the suction on high absorption and low porosity substrates, existing renders and more.



### Area of Use

Old or new masonry, render and concrete substrates that have high porosity or low absorption.

### Coverage

40 – 50 m<sup>2</sup> per 20 kg container  
 Subject to the substrate porosity

Primchaux PE



**Primchaux PE** is a primer/suction control coat for lime render systems. A ready to use coating providing a sound adhesive layer for lime renders which controls and balances the absorption capacity of porous substrates and provides good adhesion between the substrate and finishing render. Specifically designed for use with PRB lime render systems.



### Area of Use

Old or new masonry, render and concrete substrates that have high porosity or low absorption.

### Coverage

40 – 120m<sup>2</sup> per 12 kg container  
 Subject to the substrate porosity

Crépifond F/G



**Crépifond F** is a thin coat primer. This acrylic resin-based paint is ideal for new masonry and render, and has excellent water vapour permeability values. Ready to use primer coat for Crépifix M and Crépoxane F or M thin coat renders and all PRB organic finishes.



### Area of Use

As a primer coat and to create a depth of colour for all PRB organic finishes.

### Coverage

60 – 80m<sup>2</sup> per 20 kg container

Latex



**Latex** is an additive and bonding resin for renders, mortars and micro concretes. Used as a liquid admixture for bonding, enhancing waterproofing and weatherproofing. Latex is used to obtain high performance mortars and reduces the risk of cracking and wear. Suitable to create a barrier on wet masonry substrates that require to be rendered.



### Area of Use

Adhesive slurry key/bonding coat for renders, concretes, and screeds. Bonding mortar for concrete repairs. Waterproofing of basements and pools.

### Coverage

0.5L – 1.0L of water volume with 0.5L of Latex per 25 kg container *As a key coat*  
 0.12 L/m<sup>2</sup>/mm thickness applied *As a slurry coat*  
 0.6 L/m<sup>2</sup>/cm thickness applied *As a mortar*  
 1 L/25 kg  
*As an additive for C1 Adhesive Mortar and Grouting Mortar*

Crépifond Minéral G



**Crépifond Minéral G** is a mineral based primer ideal for new build and refurbishment projects, particularly suited for lime render applications when Crepifond mineral topcoat or Color Mineral Plus paint is used.



### Area of Use

As a primer coat and to create a depth of colour for all PRB mineral based coatings and finishes.

### Coverage

60 – 80m<sup>2</sup> per 20 kg container

## Monocouche

ALG Grain Fin



**ALG Grain Fin** is a breathable, weatherproof, lightweight, fine grain, single coat through coloured render for use on exterior or interior walls. Available in a wide range of colours, its specific formulation makes it especially suitable for low strength masonry. Variety of finishes achievable.

Classification – EN 998-1 Type LW Class CS II  
 Classification – EN 998-1 Type OC1 Class CS III  
 For bright white (Neige)



### Area of Use

Low density lightweight blockwork – > 400kg/m<sup>3</sup>\*, porotherm\*, concrete blockwork, lightweight aircrete blockwork\*, brickwork, render, concrete\* and clay blockwork\*. *\*Recommended the substrate receives a suction control coat of Accrofix Pâte.*

### Coverage

2.0m<sup>2</sup> per 25 kg bag  
 10 mm – as a decorative finish over existing render  
 1.6m<sup>2</sup> per 25 kg bag  
 12 mm – One coat to level, straight concrete and lightweight aircrete blockwork, clay blockwork  
 1.3m<sup>2</sup> per 25 kg bag  
 15 mm – One coat to brickwork or renovation work

OZÉ



**OZÉ** is a bright white, breathable, semi-lightweight, fine grained, single coat through coloured monocouche render. This weatherproof render allows your substrate to breathe whilst giving a fantastic long-lasting finish. Variety of finishes achievable.

Classification – EN 998-1 Type OC2 Class CS III W2



### Area of Use

Concrete blockwork, lightweight aircrete, blockwork\*, brickwork, render, concrete\* clay blockwork\*. *\*Recommended the substrate receives a suction control coat of Accrofix Pâte.*

### Coverage

1.56m<sup>2</sup> per 25 kg bag  
 10 mm – as a decorative finish over existing render  
 1.3m<sup>2</sup> per 25 kg bag  
 12 mm – One coat to level, straight concrete and lightweight aircrete blockwork, clay blockwork  
 1.1m<sup>2</sup> per 25 kg bag  
 15 mm – One coat to brickwork or renovation work

Superbrut



**Superbrut** is a breathable, weatherproof, semi-lightweight, fine grained, through coloured, single coat, monocouche render. Suitable for external and internal masonry walls and is available in a wide range of colours. This fast-setting product can be finished through a variety of finishes such as scraped texture and floated.

Classification – EN 998-1 Type OC2 Class CS II W2



### Area of Use

Concrete blockwork, lightweight aircrete blockwork\*, brickwork\*, render\*, concrete\* clay blockwork\*. *\*Recommended the substrate receives a suction control coat of Accrofix Pâte.*

### Coverage

1.35m<sup>2</sup> per 20 kg bag  
 10 mm – as a decorative finish over existing render  
 1.1m<sup>2</sup> per 20 kg bag  
 12 mm – One coat to level, straight concrete and lightweight aircrete blockwork, clay blockwork  
 0.9m<sup>2</sup> per 20 kg bag  
 15 mm – One coat to brickwork or renovation work

## Thin Coat and Paints

Crépifix M



**Crépifix M** is a textured, breathable, thin coat, ready to use, acrylic base, siloxane enhanced coating. This siloxane enhanced, fireproofed textured top coat finish gives a matt, water repellent surface finish and is suitable for new and refurbishment projects. Available in 1.5mm grading which is also fireproofed. RAL colour code matching is available.



Can be used for both refurbishment or new builds. Suitable as a finish on a PRB external wall insulation system and a PRB render board system.

### Coverage

9 – 10m<sup>2</sup> per 25 kg container



**Crépothane M/F** is a ready to use, silicone resin thin coat render, available in a fine (1.0mm) or medium (1.5mm) grading. This organic, fireproofed, textured render has good permeability to water vapour and gives an enhanced matt water repellent surface finish. Suitable for new and refurbishment projects. RAL Code matching is available.



#### Area of Use

Can be used for both refurbishment or new builds. Suitable as a finish on a PRB external wall insulation system and a PRB render board system.

#### Coverage

10 - 12m<sup>2</sup> per 25 kg container  
 Fine grain (1.0 mm)  
 9 - 10m<sup>2</sup> per 25 kg container  
 Medium grain (1.5 mm)



**Crépimur Souple** is a ready to use, extra flexible acrylic thin coat render available in medium (1.5mm) and large (2.0mm) gradings. Facade weatherproofing and decoration for new build and refurbishments including external wall insulation systems. This product can seal hair line cracks < 2/10th of a mm. RAL Code matching is available.



#### Area of Use

Can be used for both refurbishment or new builds. Suitable as a finish on a PRB external wall insulation system and a PRB render board system.

#### Coverage

7 - 10m<sup>2</sup> per 25 kg container  
 Medium grain (1.5 mm)  
 5 - 7m<sup>2</sup> per 25 kg container  
 Large grain (2.0 mm)



**Crépixate** is a textured, very breathable, thin coat, ready to use, potassium silicate coating ideally suited for coating lime render systems, new build and refurbishment projects. With very good resistance to soiling and aggressive environments this fire proofed textured finish gives a matt, water repellent, vapour permeable finish. Available in 1.5 mm grading.



#### Area of Use

Ideally suited for lime render systems and can be used for both refurbishment or new builds and is suitable as a finish on PRB external wall insulation and render board systems.

#### Coverage

8 - 9m<sup>2</sup> per 25 kg container



**Color Siloxane** is a siloxane resin based masonry paint with excellent resistance to aggressive environments. This product has high covering and filling properties, making it very comfortable and easy to apply.



#### Area of Use

Ideally suited for aggressive environments or high exposure locations. Can be used for both refurbishment or new builds and is suitable as a finish on PRB external wall insulation and render board systems.

#### Coverage

33 - 50m<sup>2</sup>  
 When applied as a 2 coat application per 20kg container



**Color Minéral Plus** is a potassium silicate masonry paint ideally suited for coating lime render systems, new build and refurbishment projects, with very good resistance to soiling and aggressive environments. This product has high covering and filling properties, making it very comfortable and easy to apply.



#### Area of Use

As a primer coat and to create a depth of colour for all PRB mineral based coatings and finishes.

#### Coverage

60 - 80m<sup>2</sup> per 20 kg container



**Color Silocryl** is an acrylic resin masonry paint that is siloxane enhanced and used on interior and exterior walls for new build and refurbishment projects, with good resistance to aggressive environments.



#### Area of Use

Can be used for both refurbishment or new builds and is suitable as a finish on PRB external wall insulation and render board systems.

#### Coverage

33 - 50m<sup>2</sup>  
 When applied as a 2 coat application per 20kg container



**Thermolook** is a lightweight, breathable, fine grained, weatherproofed, through coloured mineral render, for use on external wall insulation systems and render board system applications when used with PRB Fondisol F base coat. Finished appearance is very similar to our monocouche materials e.g. Superbrut.

Classification - EN 998-1 Type LW Class CS I



#### Area of Use

EWI systems comprising of insulation types, expanded polystyrene grade EPS70E in white or graphite grey, specific grade stonewool insulation slabs, wood fibre insulation boards, suitable masonry\* or unpainted render\* substrates and direct applications to suitable render boards on timber and steel frame structures. \*Recommended the substrate receives a suction control coat of Accrofix Pâte.

#### Coverage

1.6m<sup>2</sup> per 25 kg bag  
 10 mm - As a decorative finish over Fondisol F  
 1.1m<sup>2</sup> per 25 kg bag  
 15 mm - One coat to masonry or renovation work

## Lime Heritage



**Belle Epoque Finition** is a through coloured, decorative, weatherproof and highly breathable NHL 3.5 heritage lime, fine grain finishing render. With excellent breathability and weatherproofing properties, this product is suitable for renovation work and can achieve a range of finishes.

Classification - EN 998-1 Type CR Class CS II



#### Area of Use

As a top coat over the Belle Epoque Sous Enduit base coat on buildings that are constructed of lime or cement based mortar.

#### Coverage

10 mm - 1.45m<sup>2</sup> per 25 kg bag  
 15 mm - 1.0m<sup>2</sup> per 25 kg bag  
 20 mm - 0.72m<sup>2</sup> per 25 kg bag



**6000R** is a decorative, weatherproof, breathable, lightweight, fine grain, single coat render, ideal for a fine scrape or floated finish. A through coloured and micro-fibred render rich in lime. Suitable for renovation of rubble stone, stone and brick walls.

Classification - EN 998-1 Type OC1 Class CS I



#### Area of Use

Buildings constructed of lime mortar\* stonework\*, concrete blockwork, lightweight aircrete blockwork\*, brickwork\*, render\*, concrete\* clay blockwork\*. \*Recommended the substrate receives a suction control coat of Primchaux PE.

#### Coverage

2.0m<sup>2</sup> per 25 kg bag  
 10 mm - as a decorative finish over existing  
 1.6m<sup>2</sup> per 25 kg bag  
 12 mm - One coat to level, straight concrete and lightweight aircrete blockwork, clay blockwork  
 1.3m<sup>2</sup> per 25 kg bag  
 15 mm - One coat to brickwork or renovation work



**100R** is a lime based, airtight sealing render for internal use. Applied before installing bonded insulation or dry walling.

Classification - EN 998-1 Type GP/CR Class CS II



#### Area of Use

All internal unpainted masonry walls. Some high absorption or low suction substrates may require Accrofix Pâte. To maintain airtightness at corners and openings, follow the guidance in the product data sheet.

#### Coverage

Approx 3.1m<sup>2</sup> per 25 kg bag  
 Minimum thickness 5 mm

## Ancillaries

Hydrofuge



**Hydrofuge** is a clear, water based, breathable water repellent treatment for substrates, protecting your facade from natural elements and assists against future absorption of water. Application by hand or by garden sprayer at a low-pressure setting.



### Area of Use

External surfaces such as hydraulic renders, clay bricks, stone concretes, terracotta, wall and floor tiles and patio coverings.

### Coverage

50 - 100m<sup>2</sup> per 20 L container  
Minimum 0.20 L/m<sup>2</sup> for non-porous materials  
Up to about 0.40 L/m<sup>2</sup> for porous materials

SR Additif



**SR Additif** is a ready to use liquid additive to promote early initial setting of organic, ready mixed liquid coatings. Forms an early surface film which is beneficial in protecting against light rain and colder temperatures (4° - 12°).



### Area of Use

Suitable for ready mixed coatings such as render finishes Crépothane, and Crépisix, paint finishes Colour Silocryl and Colour Siloxane and base coat Fondisol PE, during lower temperatures (1° - 15°). Comply with recommended doses and always use throughout a whole façade elevation.

### Coverage

1 x 250 ml bottle per 17 to 25 kg container

Accélérateur Flash



**Accélérateur Flash** is a ready to use liquid additive to promote early initial setting of mineral based renders, mortars and concrete. Allowing for quicker reuse of moulds for prefabricated components, Accélérateur Flash improves site working times.



### Area of Use

For an accelerated setting and hardening of cement based renders, mortars and concretes during lower temperatures (1° - 15°). Comply with recommended doses and always use throughout a whole façade elevation. Be aware of the precautions For Use on the technical data sheet.

### Coverage

0.1 L per 25 kg bag of render  
0.6 L to 1 L per 6 x 25 kg bags of render

Acti Flash



**Acti Flash** is a fast action algacide and mould cleaner that decontaminates your substrates within 4-8 hours. Applied with a brush or a garden sprayer on a low pressure setting.



### Area of Use

Render, stone, brick, facades, copings, paving, marble, plastic and ceramic coatings, roof and floor tiles.

### Coverage

100m<sup>2</sup> per 20 litre container

MONOMesh



**MONOMesh** is used as a reinforcement for the PRB mineral one coat (monocouche), topcoat and base coat renders and where applicable for the Thermolook and Thermoroche external wall insulation systems. Suited for incorporating stress patches around openings and for full mesh applications, including mesh pinning solutions. Suitable for repair applications and for applications in screeds and floor levelling solutions.

### Area of Use

As a reinforcement to mineral render systems.

### Coverage

50m<sup>2</sup> per 50 m roll - 45m<sup>2</sup> when inc 100mm laps

AVN Mesh



**AVN Mesh** is used as a reinforcement for the PRB mineral one coat (monocouche), topcoat and base coat renders and where applicable for the Thermolook and Thermoroche external wall insulation systems. Suited for incorporating stress patches around openings and for full mesh applications, including mesh pinning solutions. Suitable for repair applications and for applications in screeds and floor levelling solutions.

### Area of Use

As a reinforcement to mineral render systems.

### Coverage

50m<sup>2</sup> per 50 m roll - 45m<sup>2</sup> when inc 100mm laps

AVE Mesh



**AVE Mesh** is a glass coated, fabric reinforcement mesh used in the PRB Fondisol F basecoat that is used with the PRB Thermolook and Thermoroche external wall insulation systems which are covered in the ETA certifications 08/0182 & 12/0585 respectively.

### Area of Use

As a reinforcement to EWI and render board thin coat render systems.

### Coverage

50m<sup>2</sup> per 50 m roll - 45m<sup>2</sup> when inc 100mm laps

## Specialist

Mortier Paysager



**Mortier Paysager** is a micro mortar used for creating large or small decorative structural and major architectural features, imitation rocks, landscaping and various shapes for modelling. Uses also extend to the restoration and repair of natural hard stone elements and features.



### Area of Use

Creation of decorative structural elements such as imitation rocks, modelling, landscapes, creation of various shapes, repairs to natural and artificial stone finishes.

### Coverage

Approx 17 kg/m<sup>2</sup>/10 mm thickness =  
1.45m<sup>2</sup>/10 mm thickness per 25 kg bag

Mortier D'imperméabilisation



**StylDécor** is an architectural decorative render for internal and external walls. Stone, brick and timber effects can be achieved through stencilled and patterned finishes. Styles such as cornices and quoins can be achieved.



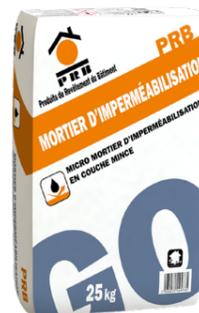
### Area of Use

Used for the creation of decorative features, architectural finishes, embellishments, artificial brick and stone finishes.

### Coverage

1.7m<sup>2</sup> per 25 kg bag  
Minimum 10 mm thick

*Note: Consumption will vary depending upon the application and substrate*



**Mortier D'imperméabilisation** is a thin coat waterproofing micro mortar with very good adhesion and shock resistance once hard. Apply this product directly onto masonry substrates.



### Area of Use

Used for areas such as below DPC, foundation walls, basement garage access walls, cellars, elevator pits, basements and boiler rooms. Further uses are available.

### Coverage

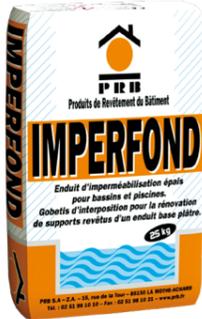
5 - 8m<sup>2</sup> per 25 kg bag  
As a 2 - 4 mm thickness applied in 2 coats



**Cel C ramic** is an under tiling and under screed liquid waterproofing system. A thin coat flexible sealing render for use under tiles, screeds, patios and swimming pools. With high flexibility and watertight properties.

**Area of Use**  
Commercial and domestic showers and swimming pools, external patios where they are over basements or other covered areas.

**Coverage**  
7 - 10m<sup>2</sup> per 25 kg  
As a 1.5 mm - 2.5 mm thickness applied in 2 coats  
Powder/resin combination



**Imperfond** is a thick waterproofing mortar for basements, ponds and swimming pools. This mortar can withstand aggressive waters in industrial and agricultural environments.

**Area of Use**  
Waterproof coating for dense, hard masonry and concrete substrates. For ponds, private swimming pools and underground walls.

**Coverage**  
5.4m<sup>2</sup> - 9m<sup>2</sup> per 25 kg bag  
As a 3 - 5 mm slurry coating  
10 mm - 1.3m<sup>2</sup> per 25 kg bag  
15 mm - 0.9m<sup>2</sup> per 25 kg bag  
For a thick waterproofing mortar  
5 mm - 2.6m<sup>2</sup> per 25 kg bag  
8 mm - 1.7m<sup>2</sup> per 25 kg bag  
As an intermediate layer

Classification - EN 998-1 Type OC Class: CS 4



**Eco Sustainable**



**Sous Enduit** is an eco, semi-lightweight, breathable, weatherproof, fine grain, single layer base coat render. Eco-designed to be cement free, Sout Enduit has a reduced carbon footprint of 52%. The cement free formulation extends timelines between layers and delays the material from being resistant to rainfall. Suitable to receive a PRB decorative one coat, lime, or thin coat finish.

**Area of Use**  
Renovation and new build on suitably prepared masonry substrates. Suited for lightweight\* or low density\* substrates e.g. stonework\*, old soft brickwork\*, lightweight aircrete blockwork\* \*It is recommended the substrate receives a suction control coat of Accrosif P te.

**Coverage**  
5 mm - 2.90m<sup>2</sup> per 25 kg bag  
10 mm - 1.45m<sup>2</sup> per 25 kg bag  
15 mm - 0.95m<sup>2</sup> per 25 kg bag  
20 mm - 0.7m<sup>2</sup> per 25 kg bag

Classification - EN 998-1 Type OC1 Class CS II WC2



**Monocouche Semi All g ** is an eco designed, semi-lightweight, breathable, weatherproof, fine grain, one coat through coloured render. Used for weatherproofing and decoration of exterior and interior walls. With a reduced carbon footprint of 48%, this guaranteed cement-free monocouche is suitable for a variety of finishes.

**Area of Use**  
Concrete blockwork, lightweight aircrete blockwork\*, brickwork\*, render\*, concrete\*, clay blockwork\*. \*It is recommended the substrate receives a suction control coat of Accrosif P te.

**Coverage**  
1.55m<sup>2</sup> per 25 kg bag  
10 mm - as a decorative finish over existing render  
1.3m<sup>2</sup> per 25 kg bag  
12 mm - One coat to level, straight concrete and lightweight aircrete blockwork, clay blockwork  
1.0m<sup>2</sup> per 20 kg bag  
15 mm - One coat to brickwork or renovation work

Classification - EN 998-1 Type OC2 Class CS II WC2



**Colle Pro** is an eco-designed tile adhesive mortar. With a longer open time and high slip/slump resistance, this product is suitable for large format tiles and suitable for direct bonding. Colle Pro has a reduced carbon footprint of 40%.

**Area of Use**  
Interior and exterior floors up to class P3, internal walls for new or renovation work in domestic and commercial buildings. Where required prepare the surface using PRB Accrosol AG, Accrosol Plus or Accrosol Express.

**Coverage**  
1.5 kg/m<sup>2</sup>/mm. The comb and gluing method should be selected according to the tile format and the intended use.

Classification - Category C2 ET



Comb Type	Single Bonding	Double Bonding
U6	3.5kg/m <sup>2</sup>	5 to 6kg/m <sup>2</sup>
U9	4.5kg/m <sup>2</sup>	6 to 7kg/m <sup>2</sup>
DL20	N/A	6 to 8kg/m <sup>2</sup>



**Mortier De Montage M10** is a ready to use, cement-free, eco-designed masonry mortar. Used for masonry work with breeze blocks, concrete blocks, bricks and natural stone. Manufactured with a special masonry formulation.

**Area of Use**  
For laying concrete blockwork, lightweight aircrete blockwork, brickwork and stone.

**Coverage**  
Approx 0.8m<sup>2</sup> per 25 kg bag  
For a 10 mm full bed inc perp to a 100 mm wide concrete blockwork wall



**Chape Pro** is a ready to use eco-designed screeding mortar for normal setting and semi-rapid coverage, or receiving traditional tiling and grouting with a reduced carbon footprint of 54%. Suitable for low temperature wet underfloor heating systems. Minimum 30 - 100 mm thicknesses

**Area of Use**  
Interior and exterior floors up to class P3 commercial buildings. Suitable for use as a bonded, unbonded or floating screed on insulation in residential premises, walk-in showers, offices, shops, garages, terraces, balconies and swimming pool surroundings.

**Coverage**  
19 to 21 kg/m<sup>2</sup>/10 mm thick  
Depending on the compaction of the mortar  
30 mm - 1.2 - 1.3 m<sup>2</sup> per 3 x 25 kg bags  
50 mm - 1.2 - 1.3 m<sup>2</sup> per 5 x 25 kg bags  
100 mm - 1.2 - 1.3 m<sup>2</sup> per 10 x 25 kg bags

Classification - EN 13813: CT-C16-F3



**Ragr ge Pro** is a self-levelling flooring compound with a reduced carbon footprint of 55%. Multi-purpose for private and collective use, this eco-designed product is suitable for all types of glued or bonded surface coatings.

**Area of Use**  
Suitable for all internal hard floor surfaces up to class P3, where a carpet, glued or bonded surface covering is required for new or renovation work in domestic and commercial buildings. Prepare the surface using either PRB Accrosol AG, Accrosol Plus or Accrosol Express.

**Coverage**  
1.6 kg/m<sup>2</sup>/mm  
5.2m<sup>2</sup> per 25 kg bag  
At 3mm thick  
1.56m<sup>2</sup> per 25 kg bag  
At 10mm thick

Classification according to EN 13813: CT-C16-F3



**B ton** is an eco-friendly concrete for masonry and grouting work. This high mechanical strength product is suitable for masonry work such as screeds, flooring, foundations and more. With a reduced carbon footprint of 15%, B ton can also be used for concrete work, repairs and grouting.

**Area of Use**  
Concrete work such as screeds, flooring, foundations, window sills, steps, lintels, grouting of fence posts and small structures.

**Coverage**  
1m<sup>3</sup> of concrete will require 84 x 25 kg bags = 2,100 kg/m<sup>3</sup>. (LxWxD = m<sup>3</sup>)

Depending on the structure, values will vary according to the type of application, specific dimensions and reinforcement requirements.



A textured finish has been shown but colour/shade will vary depending on the type of finish selected and the volume of water used when mixing the product. Spray applications, particularly a textured application, will generally increase the depth of colour. Prior to commencing the application, it is recommended that a test panel is produced to check the finish, texture, colour, and appearance of the render.

A standard range of colours has been shown for comparison. The thin coat range is available in over 100 colours and RAL colours can also be matched. Prior to commencing the application it is recommended that a test panel is produced to check the finish, texture, colour and appearance of the render.

# A SPLASH OF COLOUR!

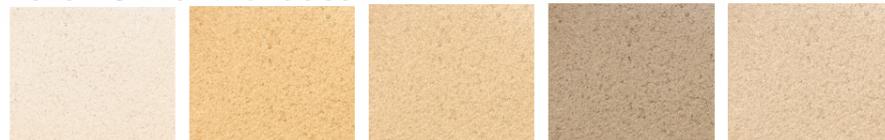
## Monocouche and Mineral Scraped Texture

### Brick Red & Pink Shades



Aquitaine Lavandou

### Yellow & Brown Shades



Guerande Antalya Cheverny Gibraltar Corinthe

### Blue Shades



Maldives Ile-d-Yeu

### Grey Shades



Gris Ouessant Jersey Carnac Brehat Cote-d-Opale

### Grey Shades



Arctique Belfast

### Red Shades



Auvergne Mexico

### Whites & Off White Shades



Neige Special Oslo Ton Pierre Jaune Touraine Blanc-de-la-Cote Blanc-de-Noirmoutier

## Thin Coat Thin Coat Texture

### Brick Red & Red Shades



Aquitaine Mexico

### Yellow & Brown Shades



Guerande Antalya Cheverny Gibraltar Corinthe

### Grey Shades



Caucase Jersey Carnac Brehat Auvergne Gris Ouessant Cote-d-Opale

### Grey Shades



Arctique Belfast

### Blue Shades



Maldives Ile-d-Yeu

### Whites & Off White Shades



Blanc Neige Oslo Ton Pierre Jaune Touraine Blanc-de-la-Cote Blanc-de-Noirmoutier

# The ECO Range Colour Palette

The PRB ECO Range boasts a set of 25 new colours, giving you the perfect palette for your eco-friendly home or commercial property.



Shades are shown for illustration purposes only. If you would like to view actual sample colours of render, please contact us directly. You can view completed projects at [prbsystems.co.uk](http://prbsystems.co.uk)

# Projects



Superbrut | Colour Ton Pierre



Crépisix | Colour Neige



OZÉ | Colour Neige with Ashlar Detailing



Superbrut | Colour Blanc de la Cote



OZÉ | Colour Neige



Crépisix | Colour Blanc

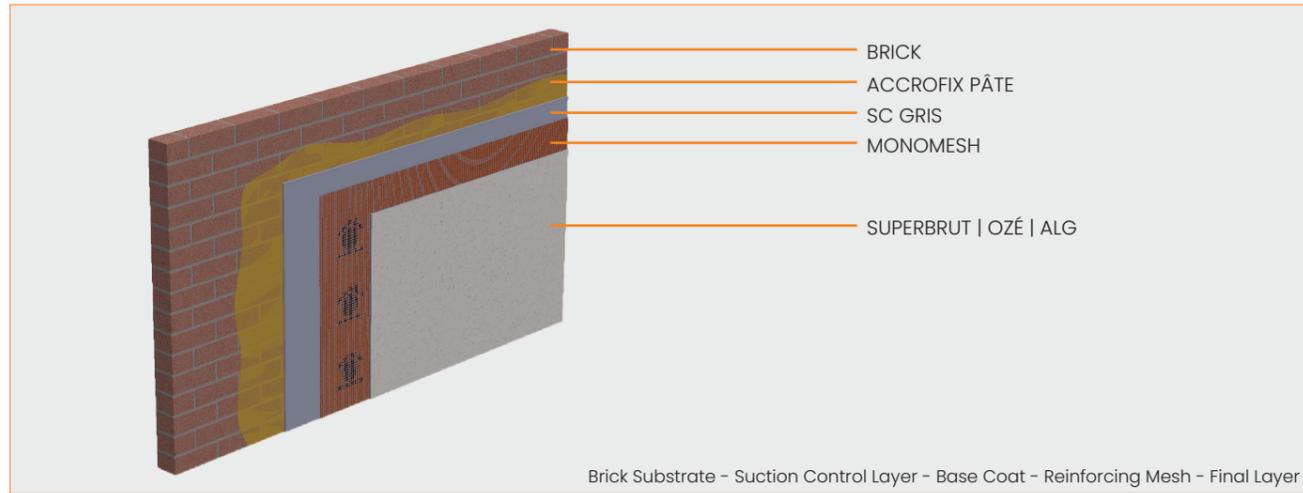


# TURNING YOUR HOUSE INTO A HOME

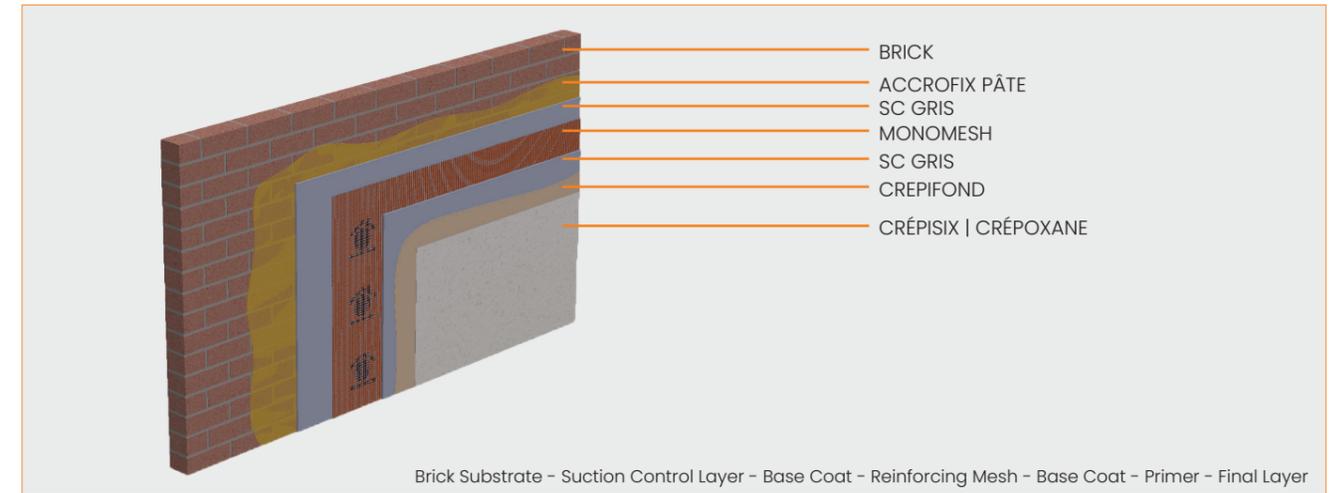
# Systems

System build up for various substrates and applications. For further technical information or queries, please speak with PRB Systems directly.

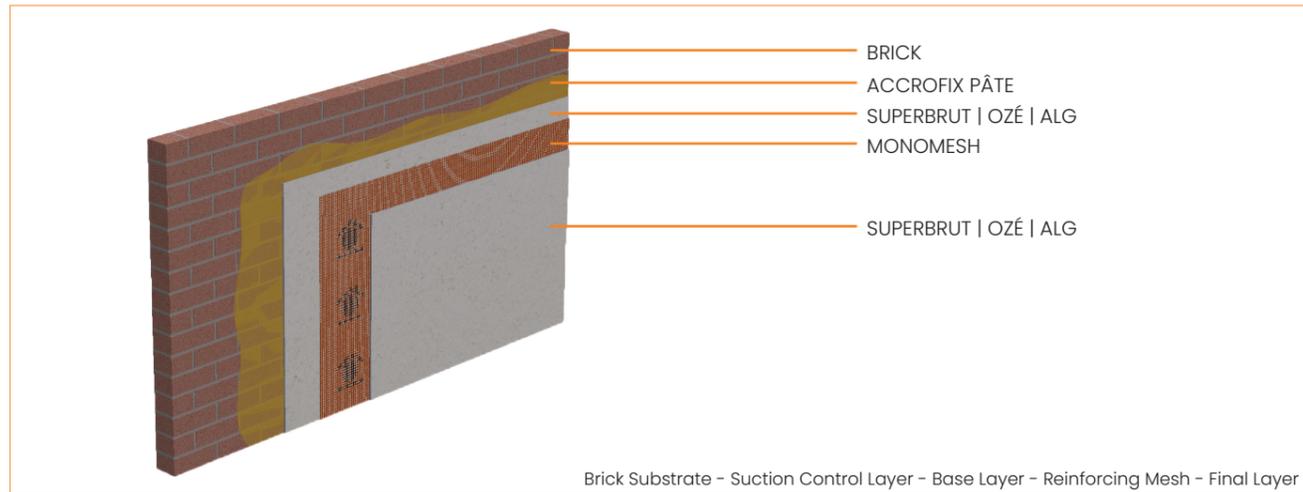
## Brick Substrate with Base Coat and Monocouche Finish



## Brick Substrate with Thin Coat Finish



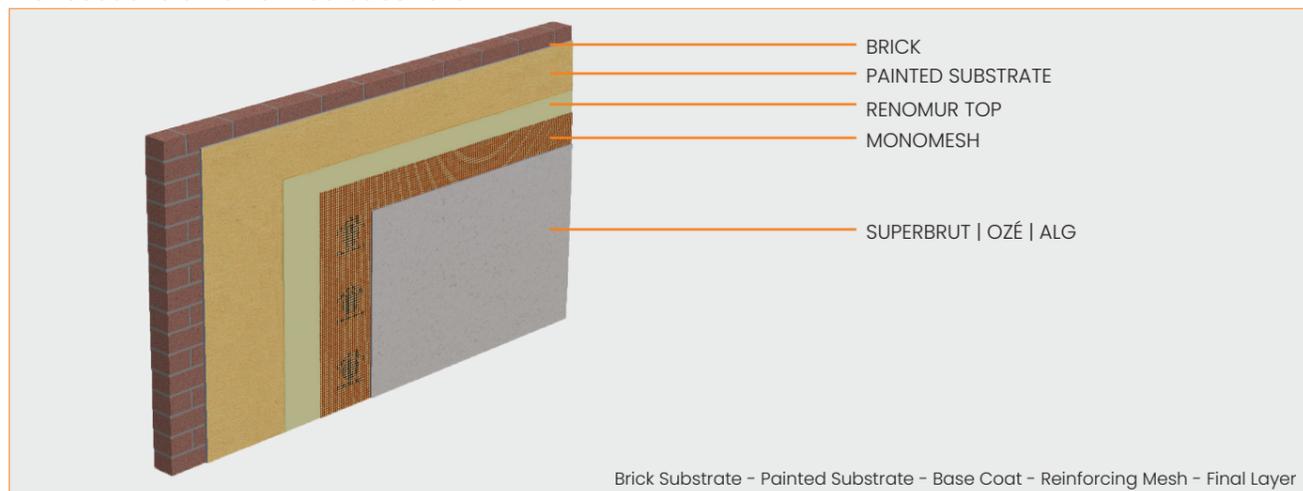
## Brick Substrate with Monocouche Finish



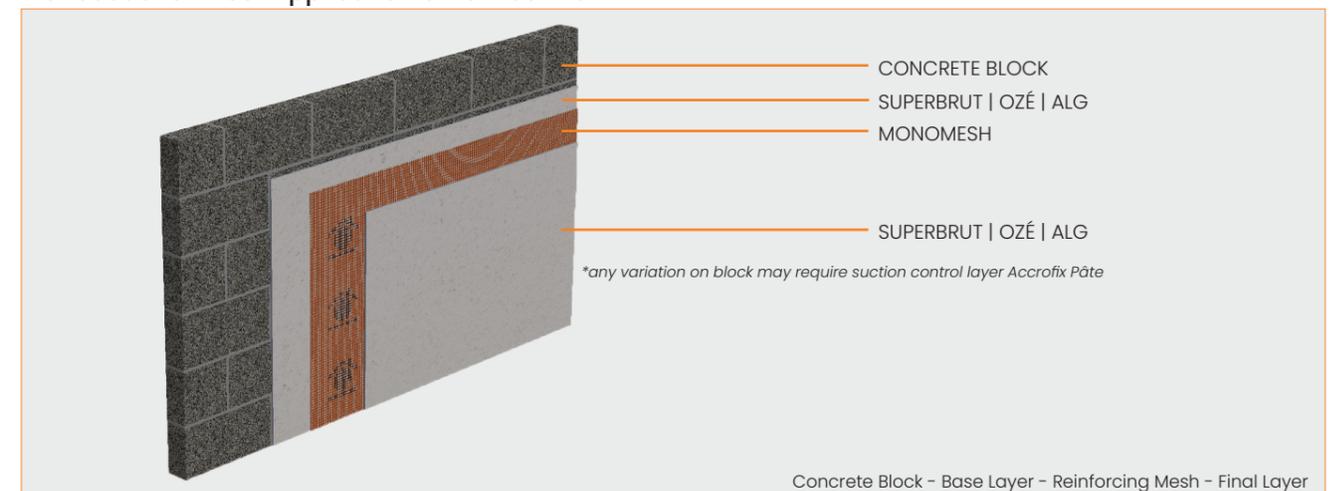
## Monocouche onto Concrete Block Incorporating Base Coat



## Monocouche onto Painted Substrate

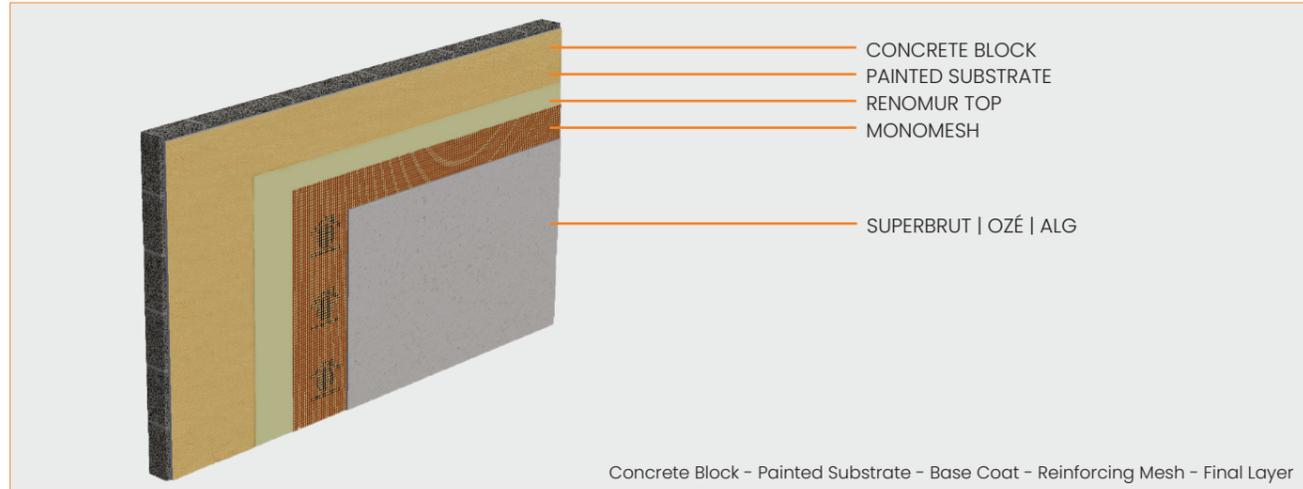


## Monocouche Direct Application onto Blockwork

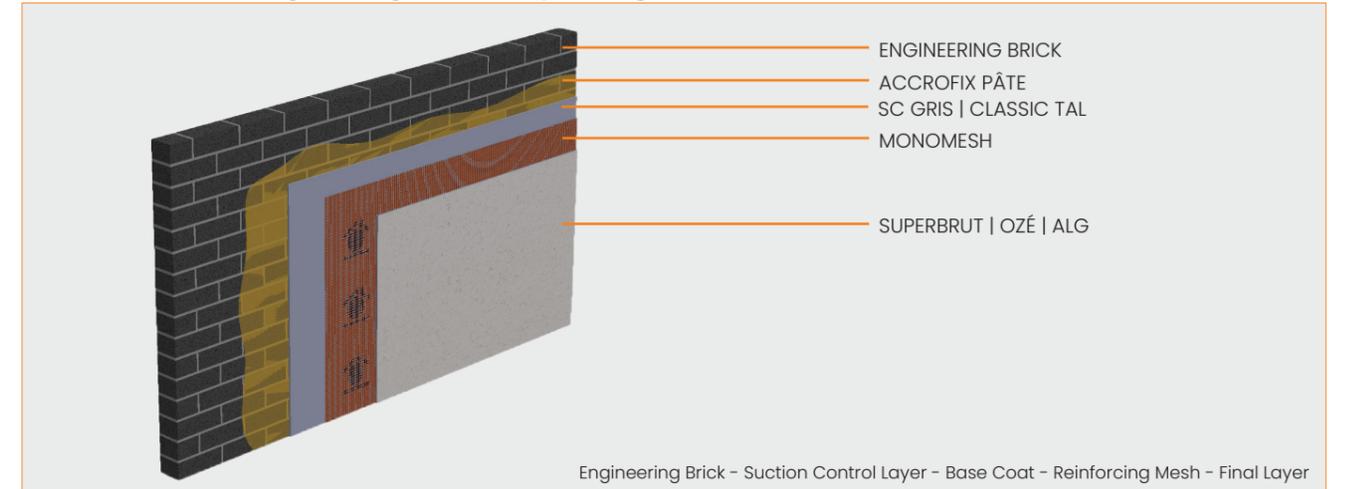


# Systems

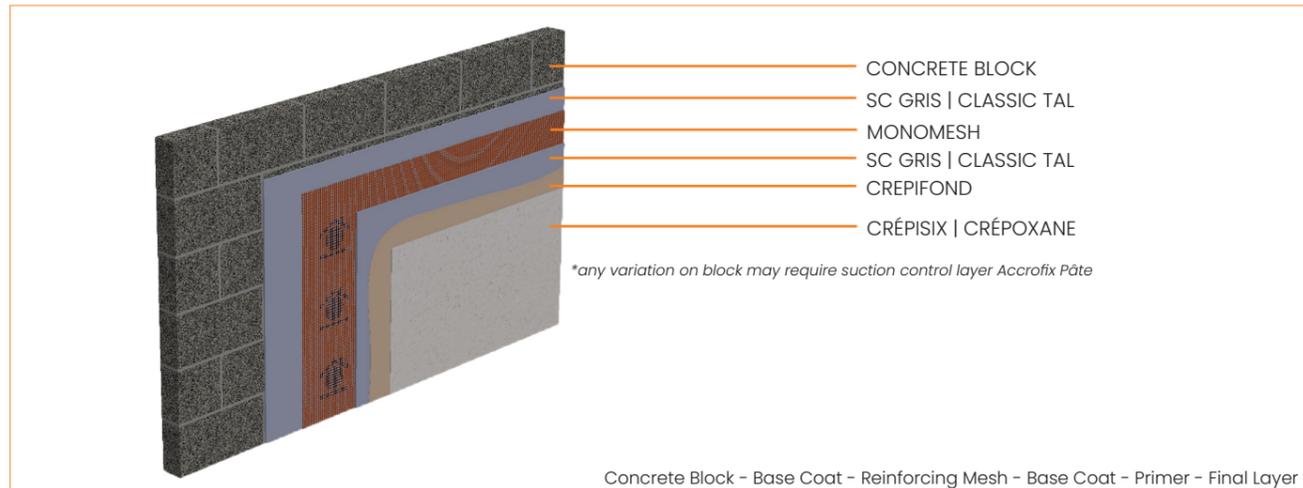
## Monocouche onto Painted Render Substrate



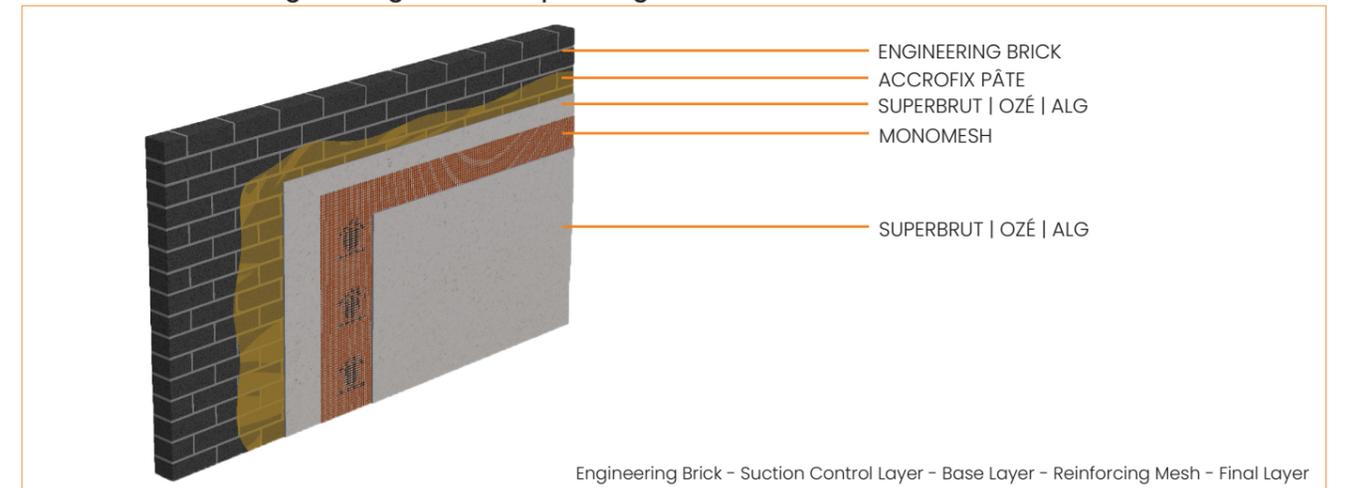
## Monocouche onto Engineering Brick Incorporating Base Coat



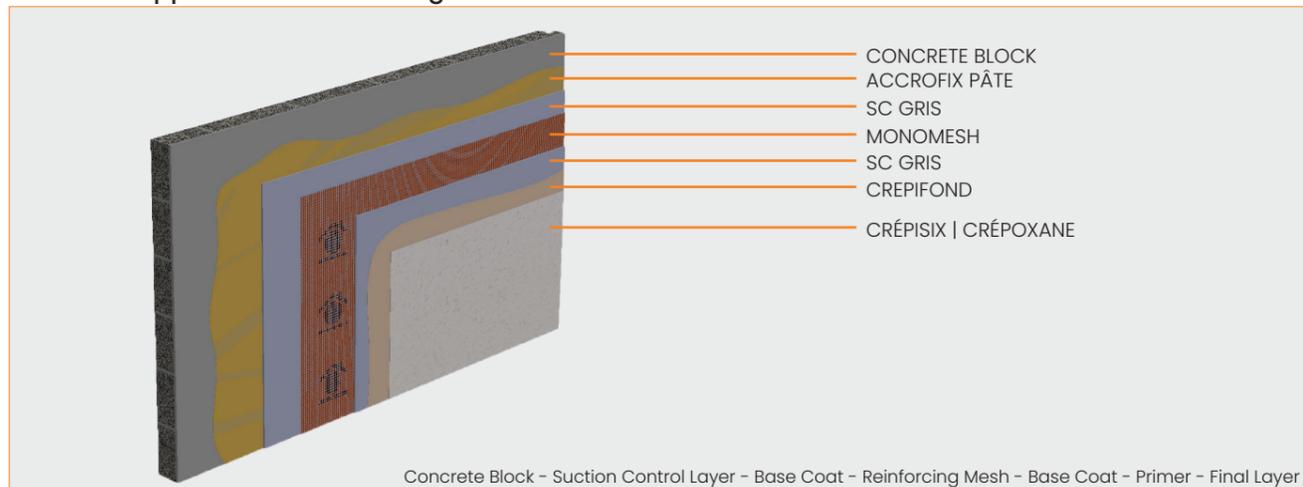
## Thin Coat onto Concrete Block



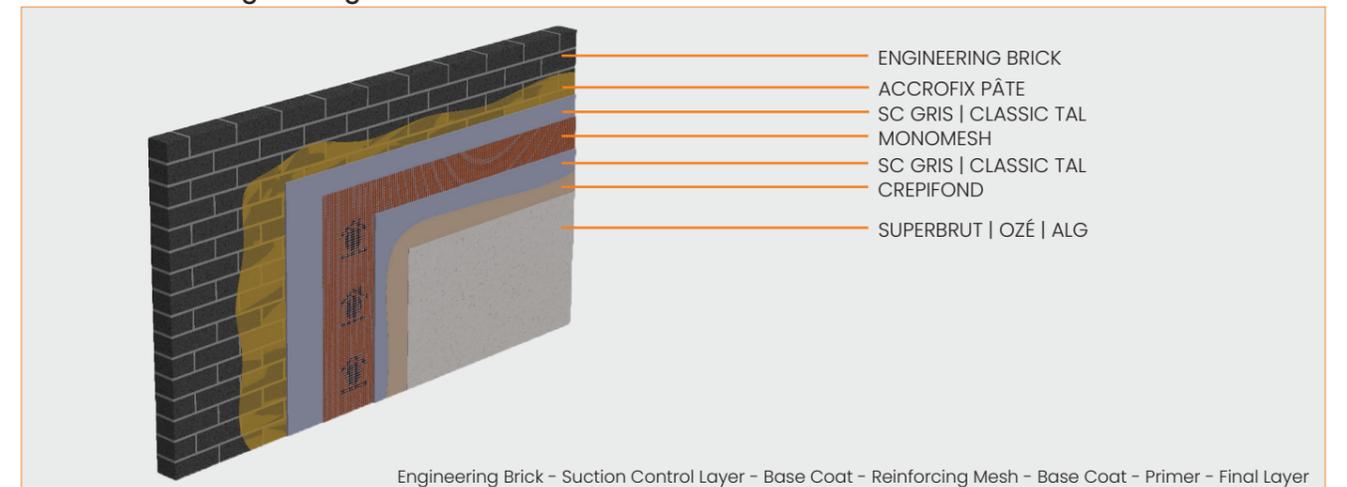
## Monocouche onto Engineering Brick Incorporating Suction Control



## Thin Coat Application onto Existing Render with Concrete Block

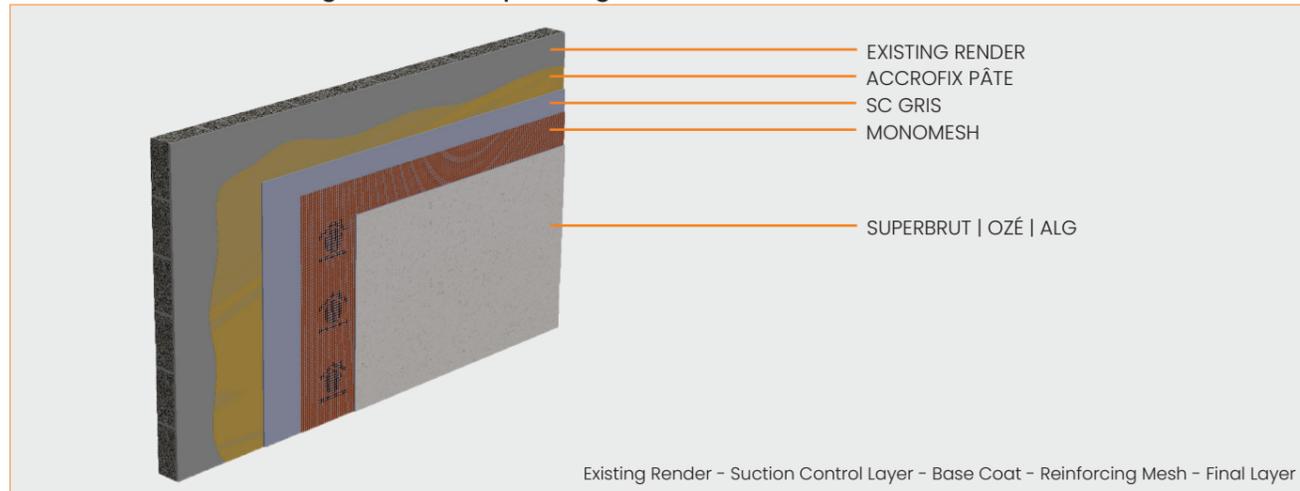


## Thin Coat onto Engineering Brick

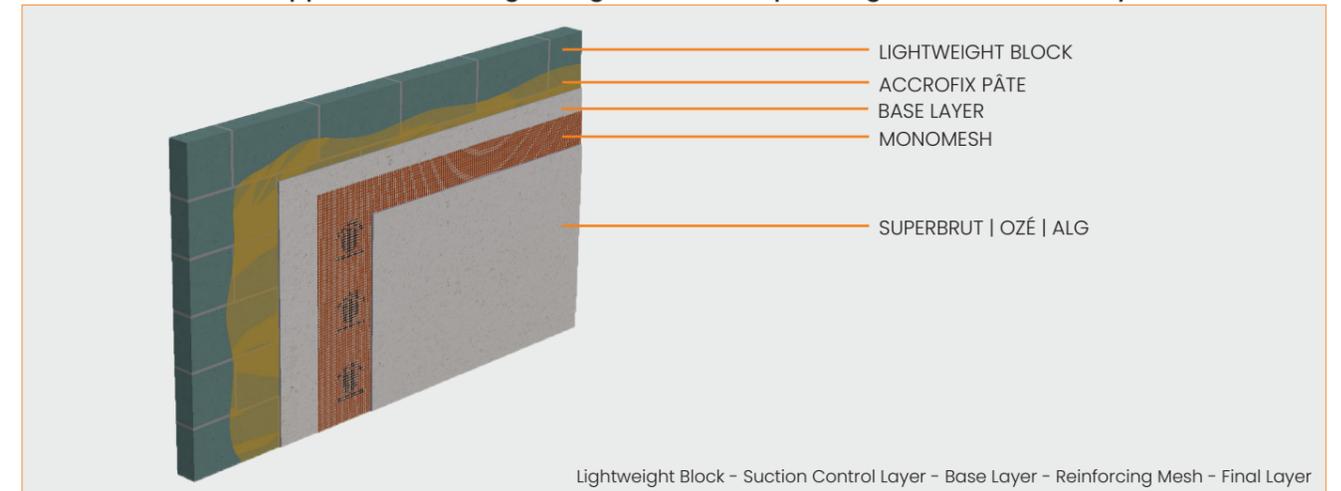


# Systems

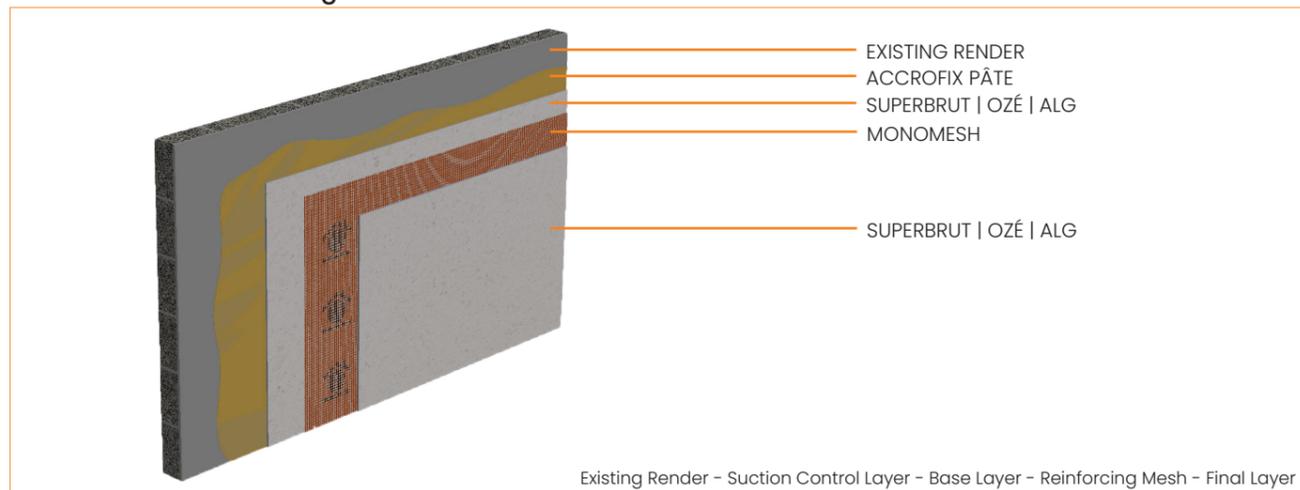
Monocouche onto Existing Render Incorporating Base Coat



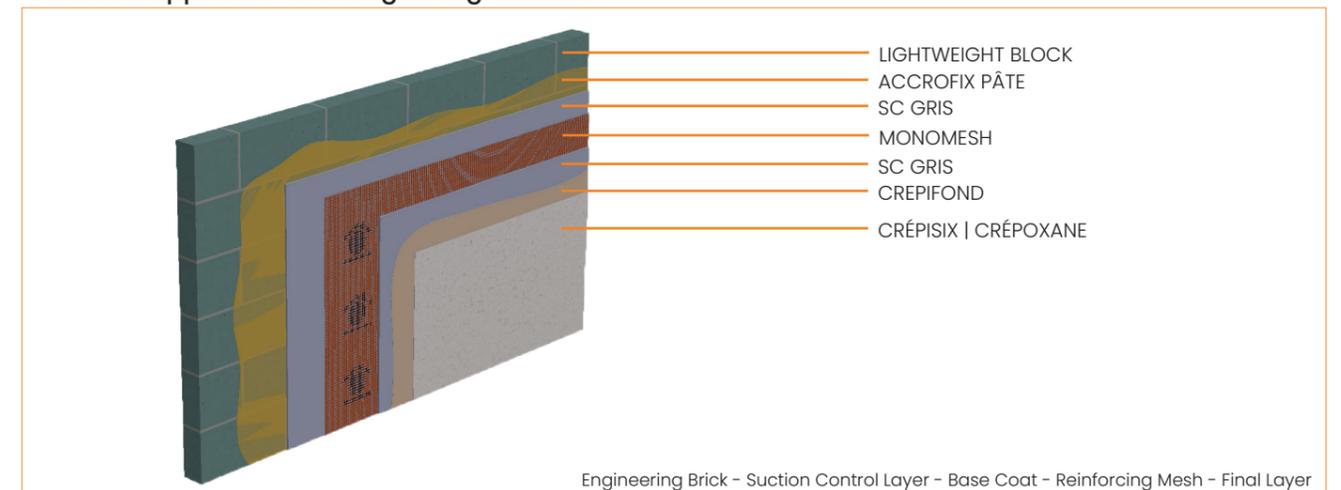
Monocouche Direct Application onto Lightweight Block Incorporating Suction Control Layer



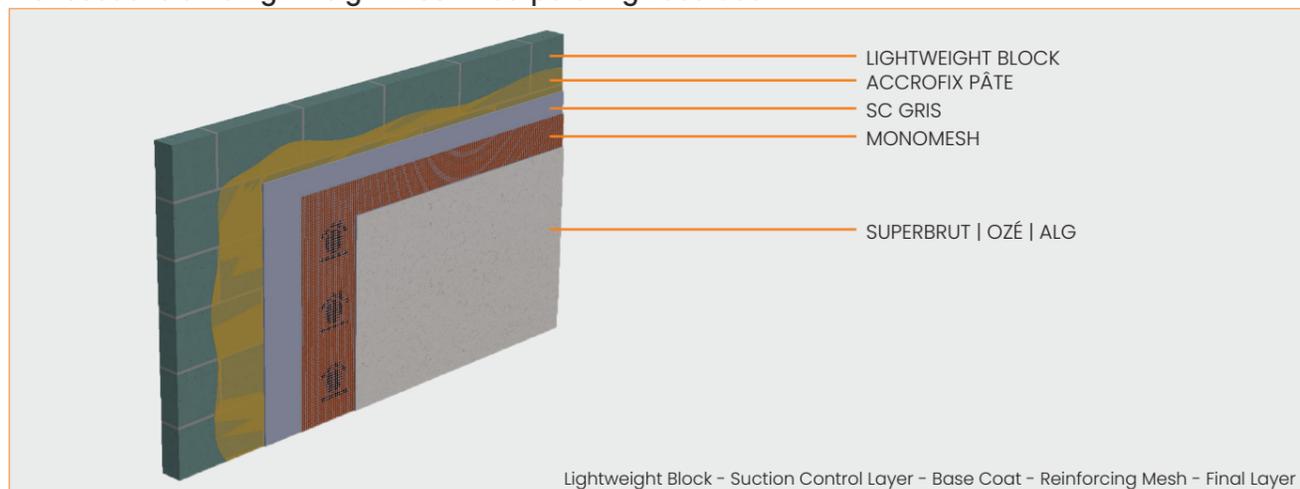
Monocouche onto Existing Render



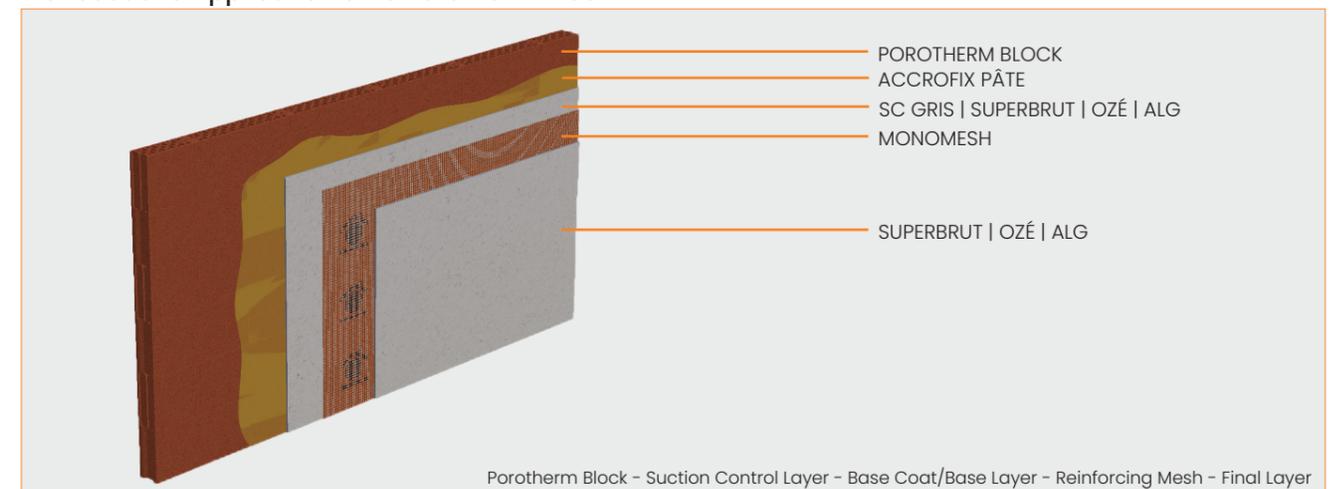
Thin Coat Application onto Lightweight Block



Monocouche onto Lightweight Block Incorporating Base Coat

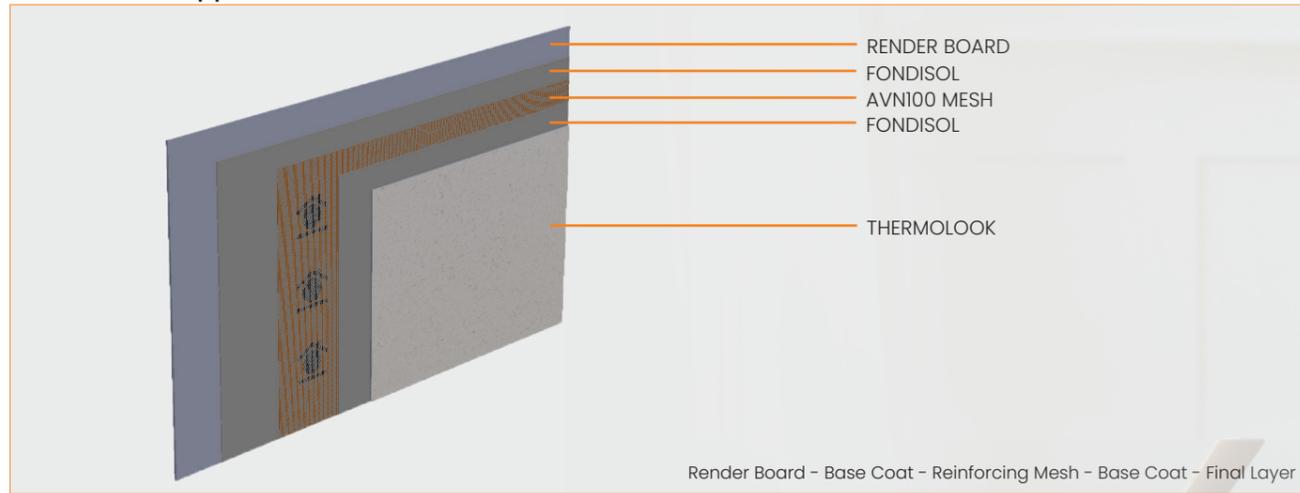


Monocouche Application onto Porotherm Block

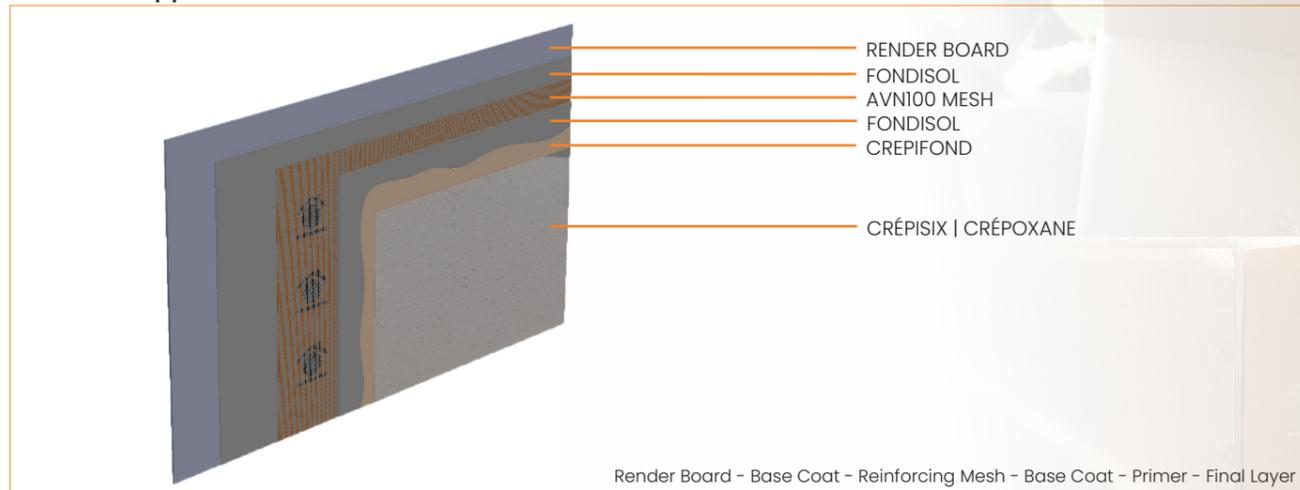


# Systems

## Monocouche Application onto Render Board



## Thin Coat Application onto Render Board



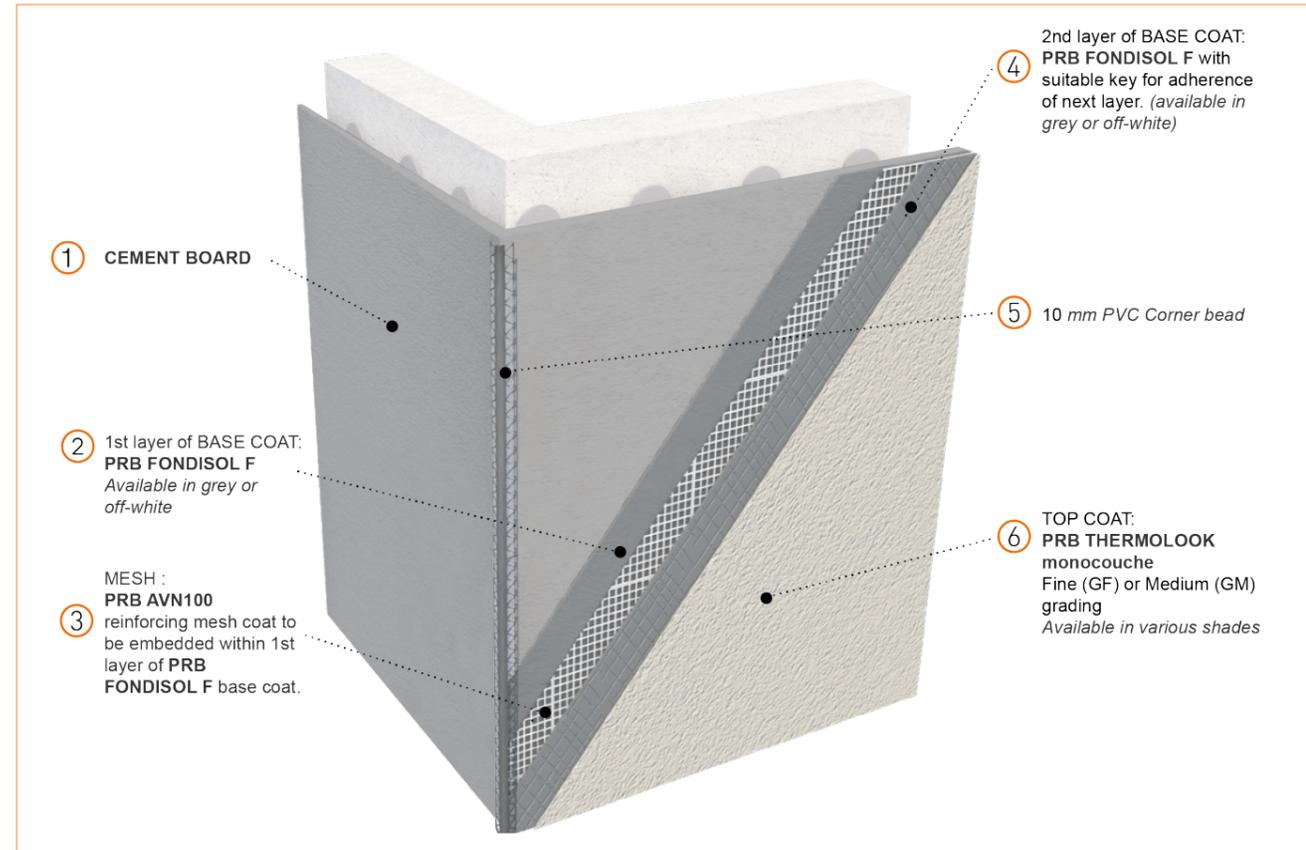
At PRB Systems, our Technical Experts will explore all avenues to enable a suitable specification for your property, private or commercial. We often personalise specifications to suit a particular building.

**ANYTHING  
IS POSSIBLE  
WITH PRB**

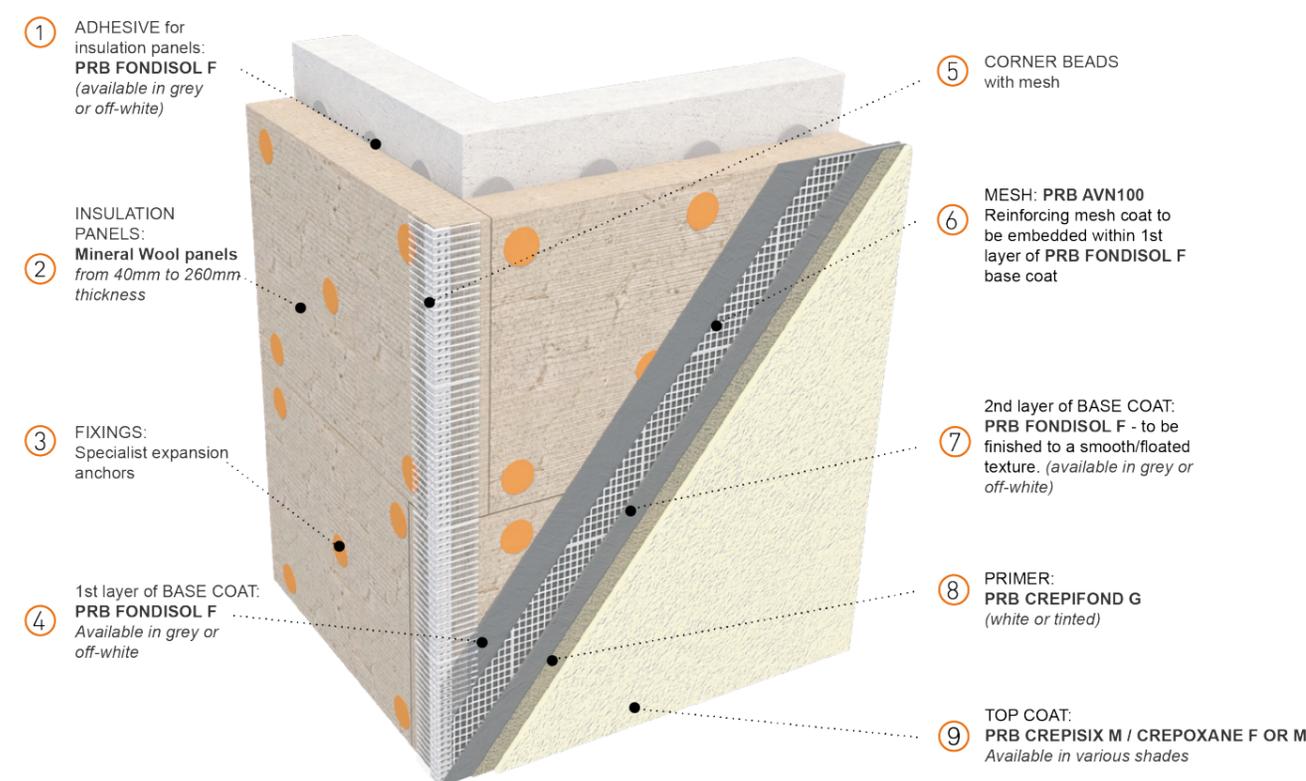
# External Wall Insulation Systems

We can offer you a U-Value and Interstitial calculations, ensuring the most thermal efficient solution for your property.

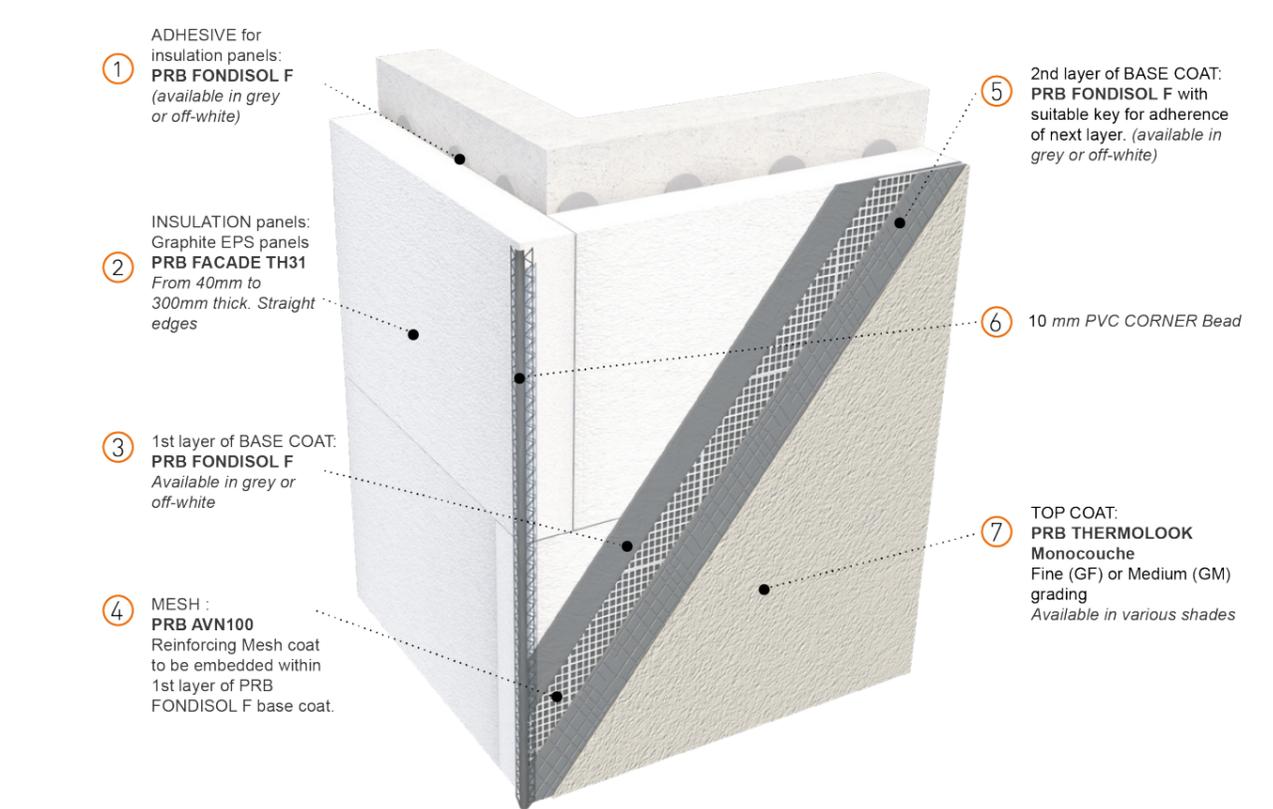
## Monocouche onto Cement Board



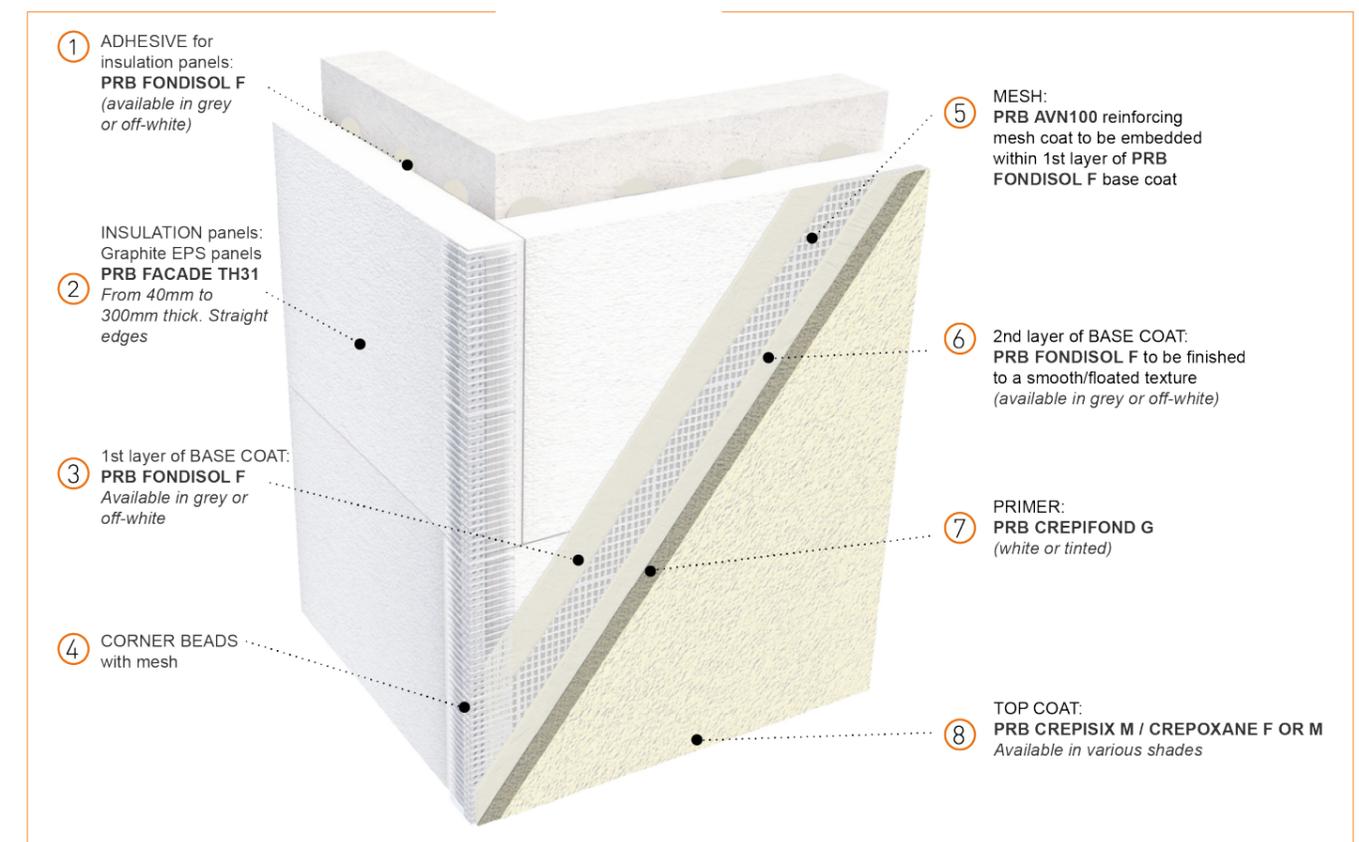
## Thin Coat Finish on Mineral Wool Panels



## Monocouche Finish on EPS



## Thin Coat Finish on EPS



With an extensive range of solutions and products, we will always have the answer you are looking for. Backed up with a trusted service, plus, exceptional expertise.

**CREATE THE  
HOME YOU'VE  
DREAMED OF**



