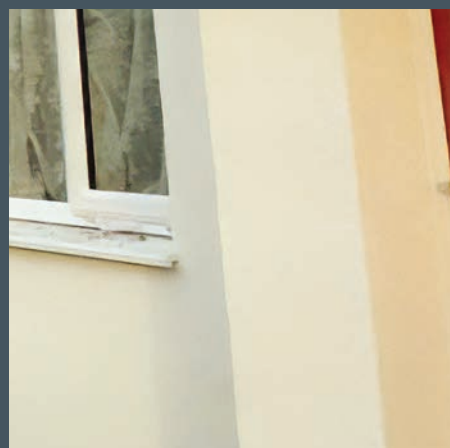
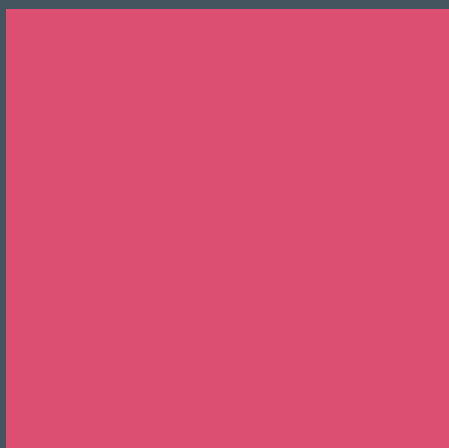
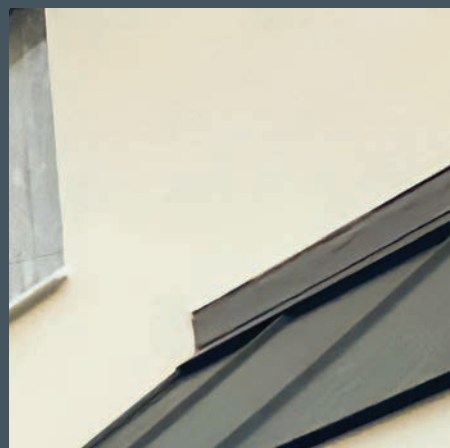
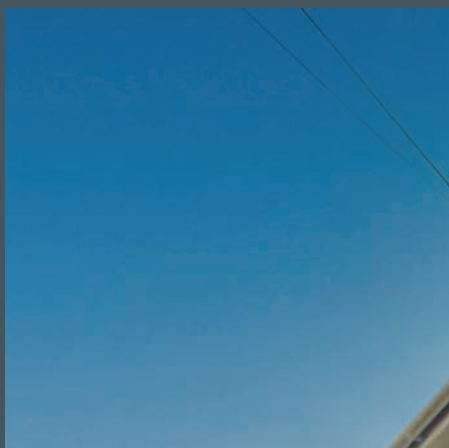


# SAS

RAINSCREEN | INSULATION | RENDER | MESH | BEADS




# PROREND EIFS

EXTERNAL WALL INSULATION FINISHING SYSTEMS



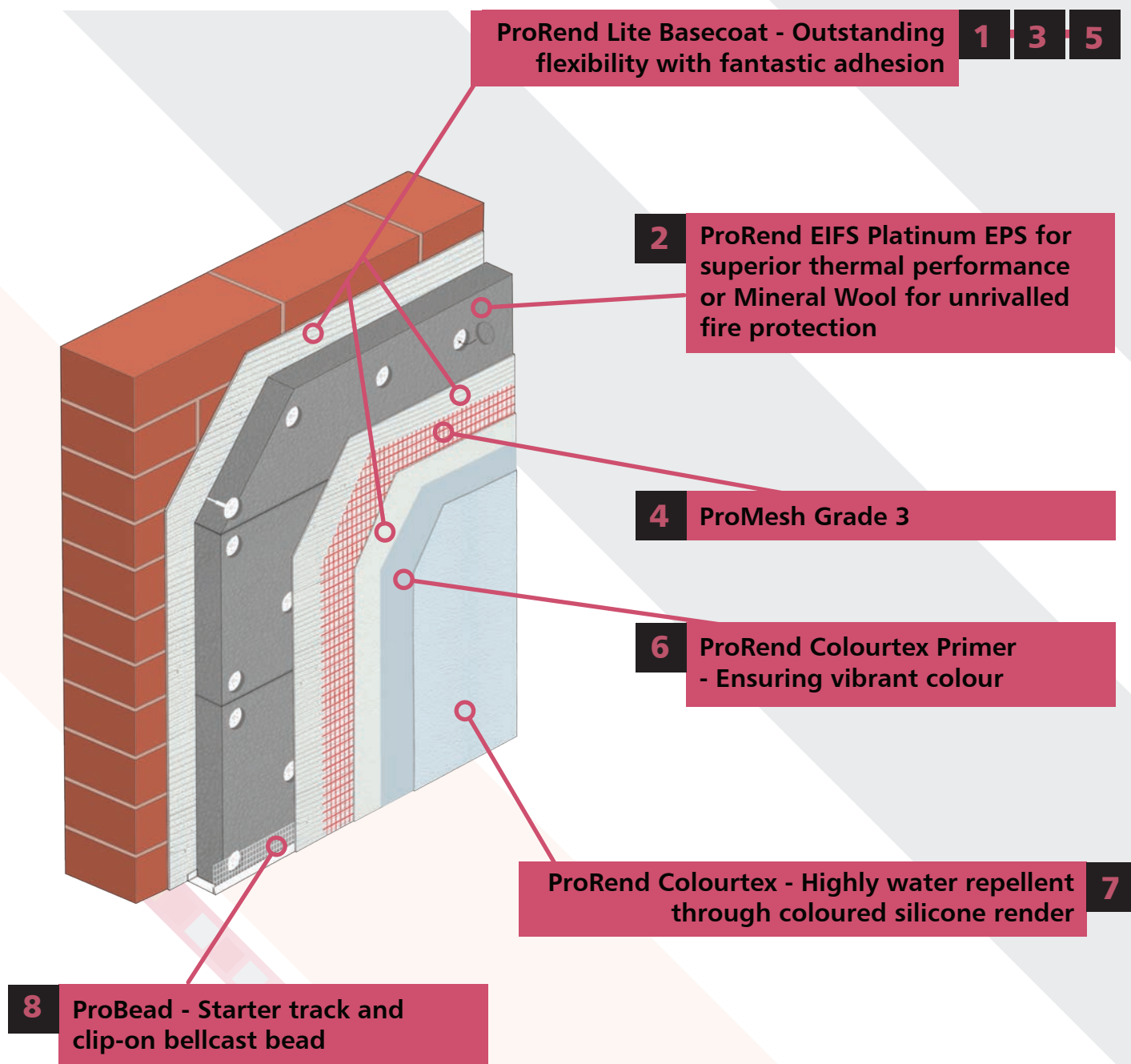
# WHAT IS ■ PROREND EIFS?

ProRend EIFS stands for  
**External Insulation  
Finishing System.**

A photograph of a modern house with a large glass facade and a wooden roof. The house is white with a large glass wall and a wooden roof. The glass wall reflects the surrounding greenery. In the foreground, there are some outdoor chairs and a table. The background shows a clear sky and some trees.

This fully rendered external insulation system combines high quality materials to create a comprehensive, warrantied solution ideal for both new construction projects and renovations.

# THE PROREND EIFS SYSTEM



Available in a huge range of attractive colours, ProRend EIFS improves the thermal efficiency of any building, reducing heat loss while transforming the look of the exterior and creating exceptional protection from the elements.

With a choice of EPS or Mineral Wool insulation the system can be customised to suit your needs.

# What makes **PROREND EIFS** so good?

ProRend EIFS Mineral Wool System has achieved a fire classification of A2 - s1,d0

Drastically increases the thermal efficiency of the building

Reduction in heating costs

System durability up to 30 years – BBA certificate 20/5767

Approved Document Part L Conservation of fuel and power compliant

Available in 30 standard colours, plus RAL and NCS matching to 65000+ colours

10-year system warranty

Highly water-repellent silicone resin finish

Curved walls can also be insulated using Mineral Wool

Low maintenance costs



# FORMER BLUE ANCHOR PUB

Completed by Mid Devon Plastering



Up to 30 year system durability\*  
\* Subject to SAS specification

# The ■ PRO■ REND EIFS Service

Free of charge specification service providing:

- Details of required materials including sundry items
- Technical, safety and maintenance datasheets
- CAD details specific to your project
- Finish samples available in colours chosen by you
- Full technical support from our offices
- Comprehensive U-value and condensation risk analysis calculations
- Hands-on training courses for applicators
- Recommendations of sub-contractors to complete works
- Practical completion certificate when works have finished
- 10-year product guarantee



01647 24620



INFO@SAS-EUROPE.COM



DELIVERY NATIONWIDE

*The SAS technical team will provide you with a U-value and dew point calculation.*

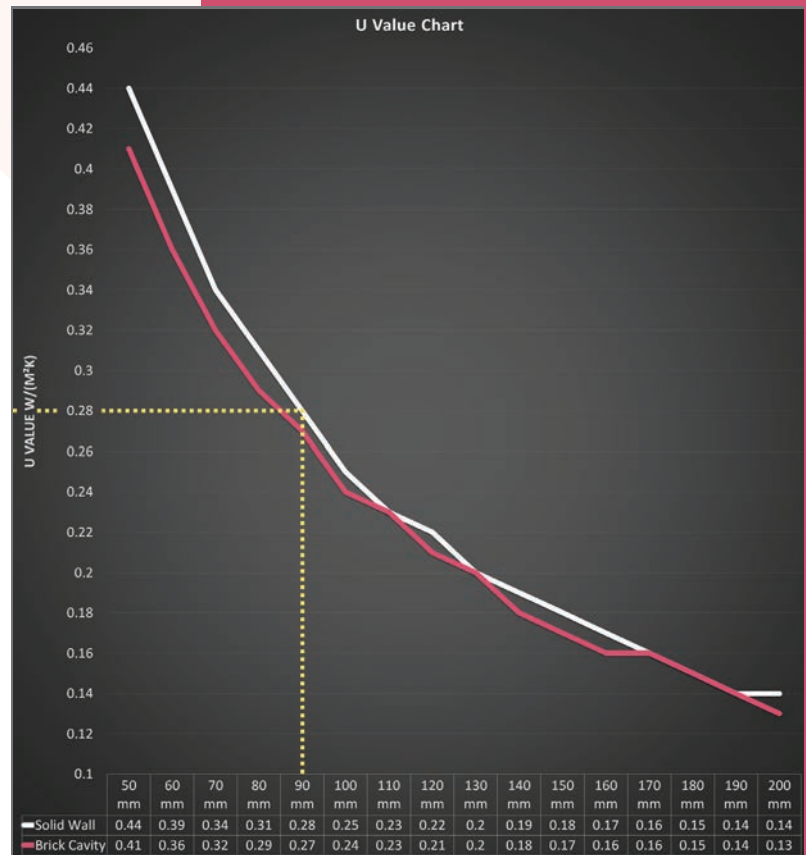
# U Values & Dew Points

Approved Document L1B states that any newly constructed thermal elements or thermal elements constructed as replacements for existing elements should achieve a U-value of  $0.28 \text{ W}/(\text{m}^2.\text{K})$ .

Two traditional wall makeups are solid walls or brick cavities.

We have modelled the reduction in U-value based on various thicknesses of EPS used in our system.

As you can see from the graph, 90mm insulation is often enough to meet the regulations of  $0.28 \text{ W}/(\text{m}^2.\text{K})$ .



## U-Values

U-Values are the measure of the amount of heat conducted through a material per  $\text{m}^2$  at a given temperature. The lower the U-value the less heat that will be lost through the walls.

## Dew Point

A dew point is the temperature at which air becomes saturated, below this point moisture is deposited as condensation.

Adding external wall insulation can bring the condensation point to the outside of the wall mitigating damp issues such as mould and creating a healthy living environment.



# Where should you use ■ PROREND EIFS?

- Steel frame
- Existing render
- Cavity walls
- Solid brick/block
- Concrete
- Lightweight blocks



“Renovate your home while increasing energy-efficiency with an elegant design and beautiful finish.”

SAS Technical Sales  
Consultant, Matt Mitchell

\*Full technical manual available on request,  
email [info@sas-europe.com](mailto:info@sas-europe.com) today.

# PROREND EIFS

## Which insulation should you use ?

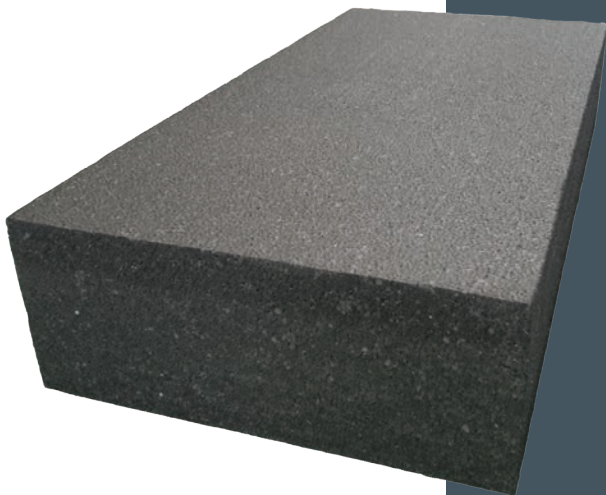
Expanded Polystyrene (EPS) is the preferred solution for domestic renovation offering the highest level of thermal efficiency for the lowest cost, while Mineral Wool provides unrivalled fire protection making it the ideal material for larger commercial projects.



Contact our technical team on 01647 24620 and we can work with you to specify the right insulation for your project.

### EPS

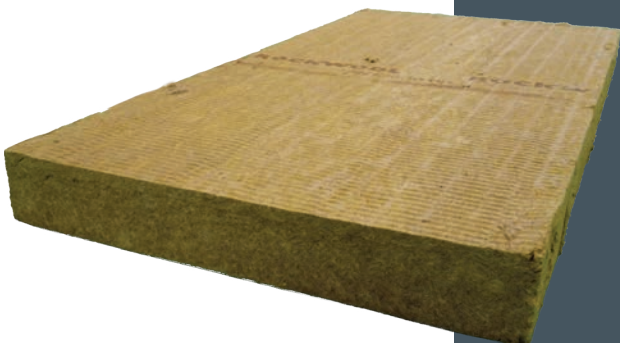
Our platinum EPS is a premium grade insulation with fantastic thermal properties, available in 10mm increments from 20mm to 300mm.



200mm EPS

### Mineral Wool

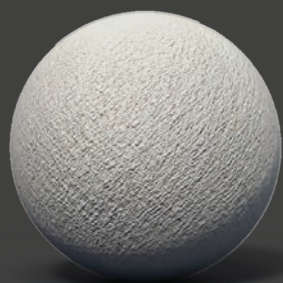
Mineral Wool Slab insulation has an A1 fire classification and can be used as a sole insulant in ProRend EIFS projects or to serve as a fire barrier in an EPS application.



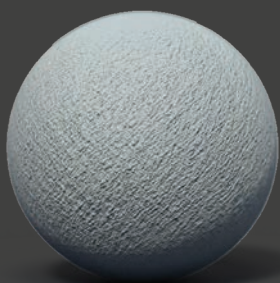
Rock Wool

Available in 10mm increments from 30mm to 250mm.

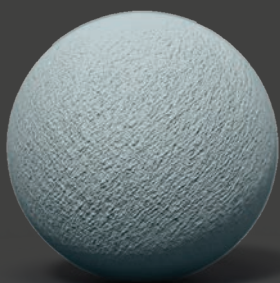
# 30 *beautiful* standard colours available...



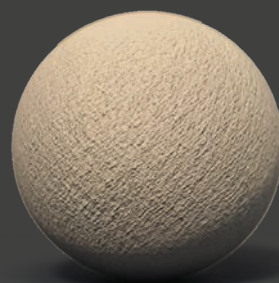
African Grey



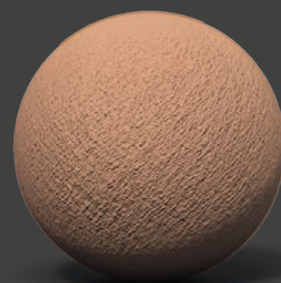
Atlantic



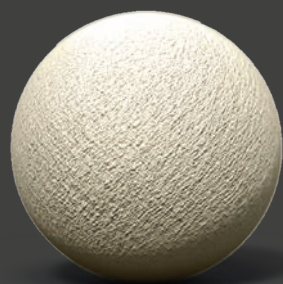
Cadet



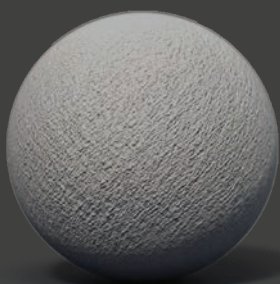
Bamboo



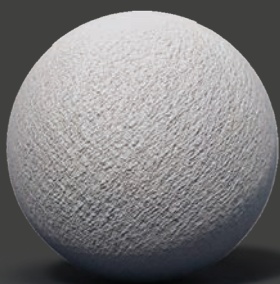
Brick



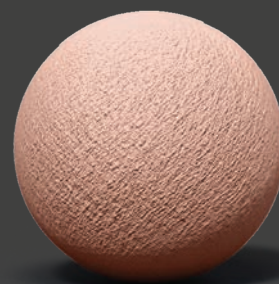
Cream



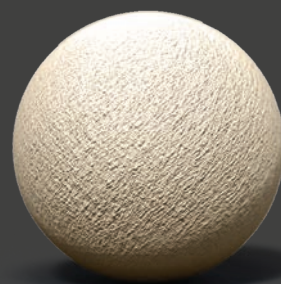
Dolphin



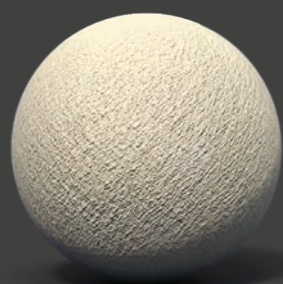
Dove



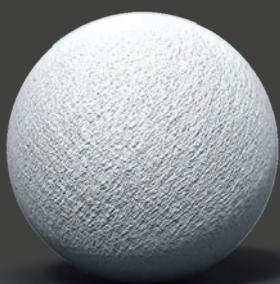
Dusk



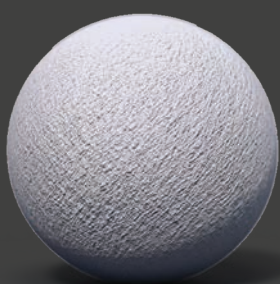
Fawn



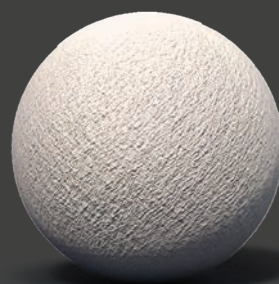
Mr Whippy



Ocean



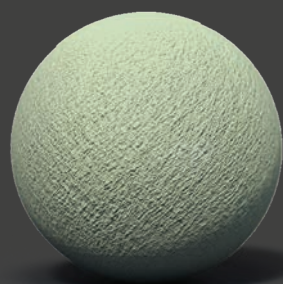
Parma Violet



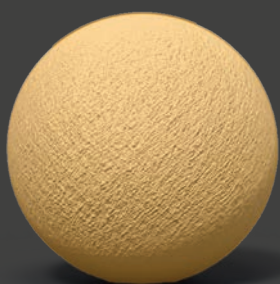
Peach



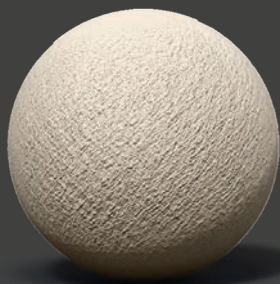
Pigeon



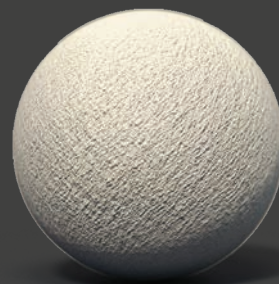
Sage



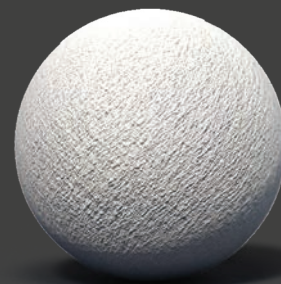
Sunbeam



Vanilla

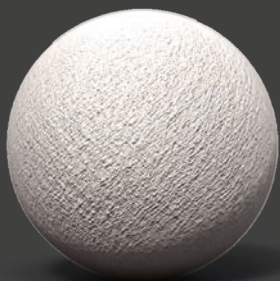


Wheat

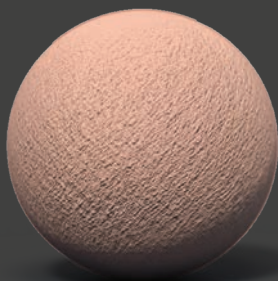


White

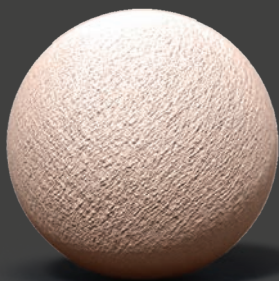
... or if you cannot see the **exact**  
colour you desire then we can tint  
to your **perfect** colour match.



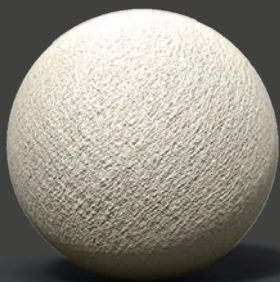
Candy



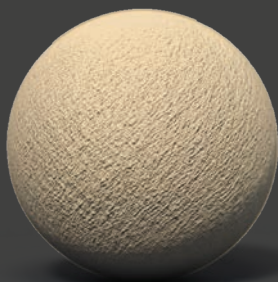
Cappuccino



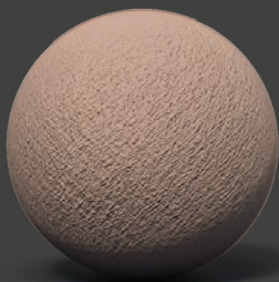
Cottage



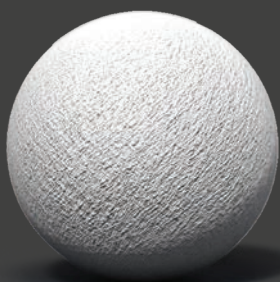
Ivory



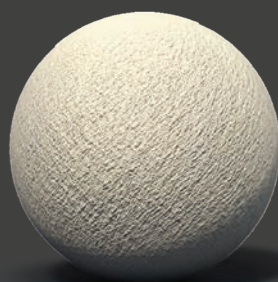
Latte



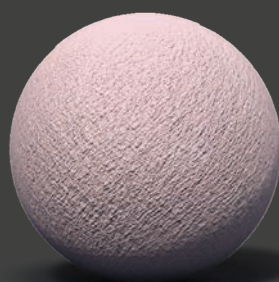
Mocha



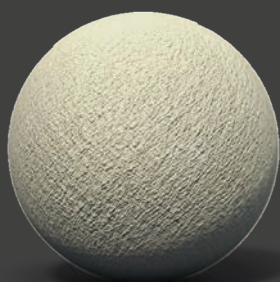
Platinum



Primrose



Rambling Rose



Willow

**65,000+**  
■ **PROREND EIFS**  
**colours**

Colour your world and  
match your personal  
style with Colourtex  
and ProRend EIFS.

Colourtex range comes in  
30 standard colours.

Additionally, we can tint  
Colourtex render to your  
choice of RAL, NCS or  
BS colours, or match a  
coloured sample.

Tinted at SAS  
headquarters  
using the  
universally  
recognised NCS  
colour system.



Call our Technical Sales Team to  
order a colour sample today on:

**01647 24620**



# WHITWORTH HOUSE, ABBEY FIELDS, COLCHESTER

ProRend EIFS Project, Bovis Homes



# PROMESH

Quality render mesh, it's on a roll

## Why choose reinforcing ProMesh?

- Alkaline resistant
- Lightweight
- Pressed weave
- 5 grades
- 10-year guarantee
- Durable and tear resistant

To discuss your ProMesh needs, call our friendly team on 01647 24620.

## PROCENTRE

CONSTRUCTION TRAINING COLLEGE

- Earn certification
- Join our Applicator Network
- Practical and classroom learning
- Case studies and demonstrations
- Use products on our practice walls
- Day courses held at our centre in Devon
- Learn render system design and application

**To book onto a free ProWall or ProRend training course, email [info@sas-europe.com](mailto:info@sas-europe.com) for available dates.**



# PROBEAD

All the bead, you'll ever need

# 18

standard bead colours

- BBA certified for 25 years
- Through coloured PVCu
- 100% recycled bead
- Non-corrosive & durable
- 34 external & internal profiles
- BS EN 13914:2005 compliant
- Non-combustible
- 25-year guarantee



## Angle

For a sharp corner.  
Available in wide and standard.



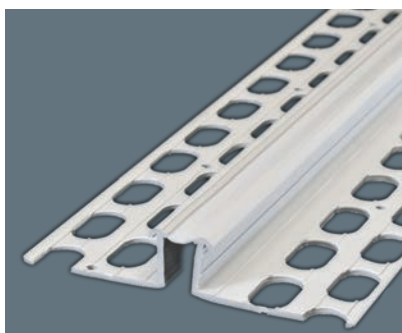
## Stop

To finish and protect  
render edges.



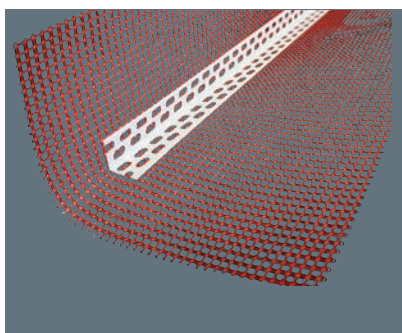
## Bellcast

To form and protect the  
lower edge of the render.



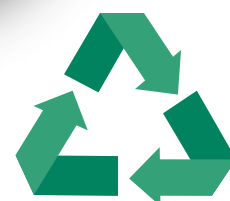
## Expansion

Placed over joints and  
changes in substrate to  
reduce cracking.



## Plus beads

A range of specialist beads  
including meshed angles,  
window reveal and base bead.



# PROREND Basecoats

LITE - PREP - FLOAT

Hard-Working Render Basecoats

## LITE Features

- Can be applied by hand or machine
- The perfect basecoat for Colourtex, or as a keycoat for other ProRend basecoats
- Lite is ideal for a smooth finish or sponge texture and can be keyed to receive subsequent coats.



## PREP Features

- Prep works well on backgrounds with varying absorption properties, such as lightweight block or pre-cast concrete
- Perfect substitute for sand and cement that avoids on-site mixing and measuring
- A suitable basecoat for all ProRend decorative renders or masonry paint
- Can be smooth finished, sponge textured or keyed to receive a further coat.



## FLOAT Features

- A lightweight lime sand cement that can be applied by hand or machine
- Perfect substitute for sand and cement that avoids on-site mixing and measuring
- Ideal for use as a basecoat for all ProRend decorative renders or masonry paint
- Can be smooth finished, sponge textured or keyed to receive another coat.





# SAS



**PROREND EIFS**  
PREMIER RENDER SYSTEMS

## EXTERNAL WALL INSULATION

SAS has over 35 years of experience in rendering and façades, covering every aspect from application to practical advice and training.

We provide the highest standard, quality products to support your build. With our knowledgeable technical team on hand, we work with you to achieve the results you want.

SAS constantly seeks to innovate, supplying a complete range of premium quality products that meet every situation, and our commitment to outstanding service means you'll get the help and advice you need.

Customers enjoy the benefits of long-lasting durability, fast application and our excellent ProRender EIFS 10-Year Guarantee.



Call us today: **01647 24620**

**sas-europe.com**

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