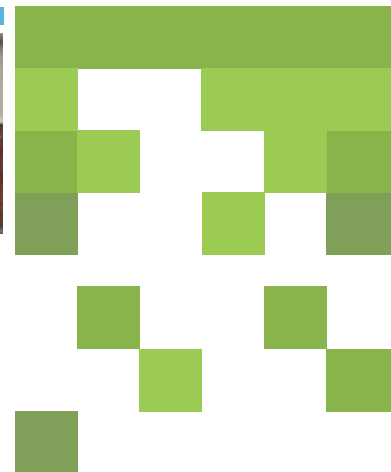


03

Brick Slip Cladding Systems



epsibrick





Brick Slip Cladding Systems

Brick is familiar, comforting and reliable. That is why it is still a popular choice of finish for architects seeking to incorporate the traditional values of warmth and strength in their designs.

The WBS Brick Slip System provides a unique, cost effective method of achieving a genuine brick effect by using brick slips, especially where the use of real brick is impractical.

Traditionally, brick slips were manufactured by literally removing the face of an existing brick. This however proved to be very costly and led to a substantial amount of waste material.

As brick slip application reduces the need for highly skilled tradesmen and foundations, the demand for this unique method of creating a natural looking façade has increasingly grown. In conjunction with our brick manufacturing partners we are now able to offer a unique range of brick slips that are manufactured and fired in exactly the same way as traditional clay bricks.



Why is the WBS Brick Slip System so unique?

The basis of the WBS Brick Slip System is the specially profiled galvanised steel mesh which is fixed directly onto the existing substrate or EWI system. The mesh is fixed using specialist fasteners of the appropriate length to give a suitable penetration into all types of substrate to comply with wind loading requirements.

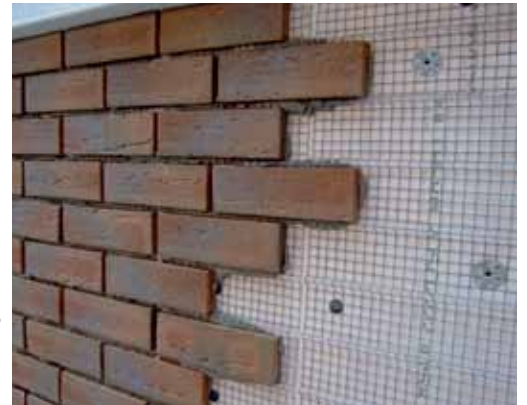
The unique profiling of the mesh creates a natural brick coursing and joint width, which enables the installer to achieve perfectly level courses. Brick slips are bedded in WBS adhesive mortar and pointed using coloured WBS polymer pointing mortar.

WBS Brick Slips are available in a standard range of colours and textures, however others may be obtained by special order. Pistol corner bricks are also available for building corners and to return the system into window and door reveals.

Specially designed base profiles and verge trims are also available to ensure that the edges of the system are sealed and watertight.

WBS Brick Slip Systems

- Offer a professional, real brick finish.
- Offer a higher level of accuracy.
- Have superb adhesion properties.
- Offer faster application compared to traditional methods.
- Additional foundations are not required.
- Are suitable for both internal and external applications.



WBS Standard Brick Slip Range



Almenara



Anoreta



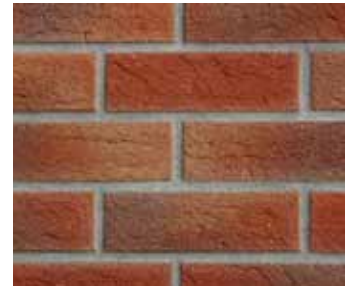
Benamor



Estepona



Hermosa



Laguna



Merida Grey



Merida Red



Montado



Parador



Penina



San Lorenzo



San Roque



Serena



Terramar



WBS Tumble Effect Brick Slips

We are delighted to now be able to offer a 'tumbled' effect on our entire brick slip range.

Brick slips that have been subjected to this process are less uniform and have irregular widths, offering more of a 'reclaimed' look.

Please note that tumbled items are considered 'specials' therefore lead times would be slightly longer than our standard bricks. Please call our technical department for further details.



Parador
Showing Tumbled Effect



San Lorenzo
Showing Tumbled Effect

WBS Pointing Mortars

WBS Pointing Mortars are available in the following standard colours:



Black



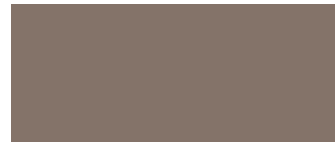
Buff



Dark Brown



Dark Grey



Natural Grey

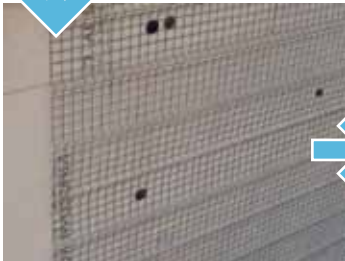


Sandstone



Application Guide

Applied to existing brickwork, incorporating phenolic insulation.



Surface Preparation:
 Pull out tests must firstly be carried out to determine the appropriate fixings. If required, substrate must be brushed down to remove any friable material, algae or lichen and fungicidal wash applied. Stabilising solution may also be applied to provide a firmer key.

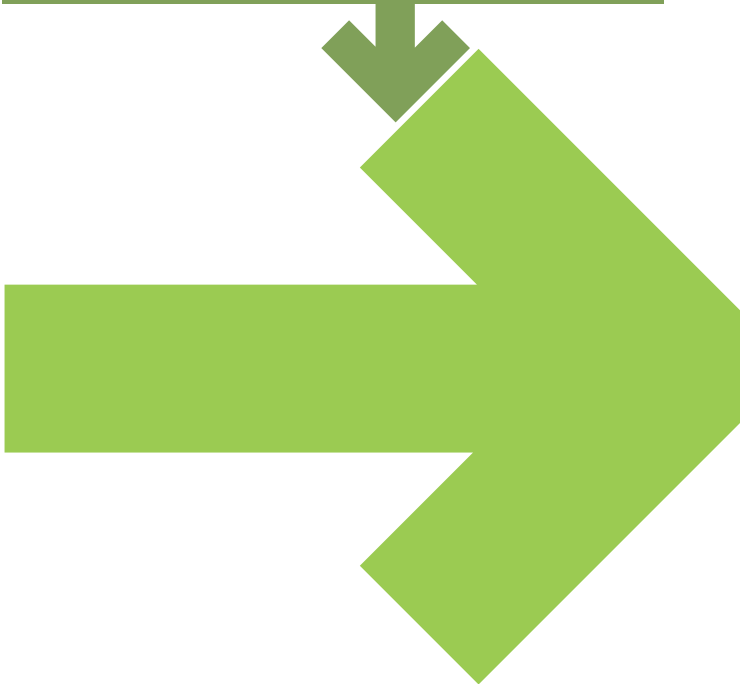
Attach base rails & surface profiles.

Place first insulation board onto base rail and secure with approved mechanical fixings. Continue with additional boards ensuring that a staggered bonding pattern is adhered to.

Fix profiled mesh to the insulation using temporary 'firtree' fixings until an accurate alignment has been achieved. Once the alignment is considered satisfactory, install permanent steel fixings to hold the mesh firmly in place.

Butter the back of the pistol corners with WBS Brick Slip Adhesive and apply to all corners and door / window reveals.

Measure the distance between corners and/or outer edges to identify the number of bricks required per course and the subsequent width of the vertical pointing joint.





...continued from previous page

Where required, bricks can be simply cut to size using a bench saw or standard tile cutter.

Butter the back of each brick slip and arrange within the mesh according to the bond you wish to use.

Leave the slips to set for approx 48 hours.

Apply pointing mortar using a pointing gun and smooth out joints using a pointing trowel.

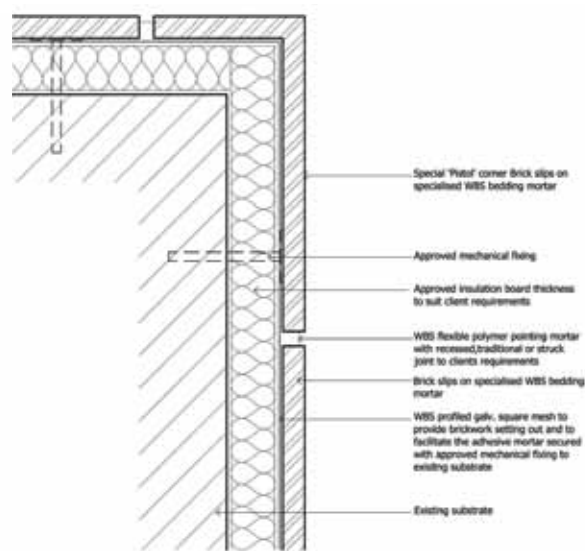
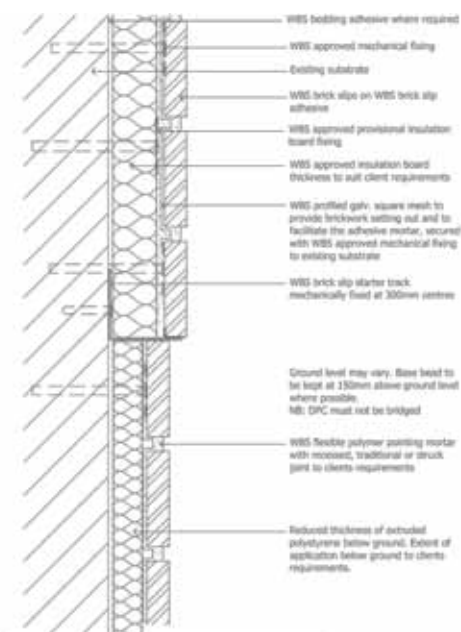
Once completely dry – remove any excess mortar using a stiff brush.

Note: Please note that these images are provided for illustrative purposes only. Health & Safety Regulations must always be adhered to and PPE should be worn in accordance with product data requirements and site conditions.

For further details, please contact **WBS TECHNICAL SUPPORT** on **08458 382380**.

WBS Standard Brick Slip Range Setting Out & Technical Detail

Complete sets of the WBS standard details drawings can be found on our website. Project specific detail drawings can be produced on request.



Please Note: These drawings are shown for example purposes only. WBS accept no liability arising from a third party acting on any information contained within these drawings and would advise that assistance is sought from persons within our technical department on an individual project basis.

Case Study: Brick Slip

Project Type:	New Build Hotel
Location:	Durham
Client:	Bannatyne Group
Architect:	Browne Smith Baker
Main Contractor:	ESH Group
System Installer:	Plaslines
System Used:	WBS epsitec Insulated Render System incorporating 90mm Phenolic Insulation
Finish:	WBS Laguna Brick Slips & 1.5mm 'K' Silicone Render.



Due to an extremely tight build schedule, the Architect on this particular project chose to adopt a steel frame solution due to the high speed of construction it afforded. Similarly, the requirement for a quick build façade system was also necessary to ensure that the building was swiftly deemed watertight. The **epsitec** Insulated Render System, which incorporates a drainage cavity proved to be the perfect solution.

The **epsitec** system was constructed by mechanically fixing a powder coated top hat section to an approved building board, whilst incorporating horizontal and vertical fire breaks at party walls. Deflection beads were also placed over windows allowing any potential water ingress within the cavity to drain to floor level. The mechanical fixing of 90mm Phenolic Insulation also meant that the required U-value of 0.35 W/m²K was easily achievable.

The final finish consisted of WBS Laguna Brick Slips which were used on the ground floor level to help protect the façade from potential foot traffic impact, whilst the remainder of the building was finished using WBS 1.5mm 'K' Silicone Render and a small amount of timber cladding, giving the building a bright, clean finish. Bricks Slips were also used as a feature at window cills and heads on the first and second floors.

Case Study: Brick Slip

Project Type:	Residential Refurbishment
Location:	Orlit Properties, North Shields
Client:	North Tyneside Council
Main Contractor:	Main Contractor:
System Installer:	Pringle Building Services Limited
System Used:	WBS Insulated Render System incorporating 80mm EPS Insulation
Finish:	WBS Estepona Brick Slips



Most of the Orlit properties in the UK were built during the 40's and 50's post-war period as a quick and cheap solution to meet increased demand for housing, however this building type often suffers from inadequate overall thermal insulation, as well as thermal bridging and subsequent condensation problems.

As part of North Tyneside Council's mission to deliver excellent housing services these properties, situated in strong and cohesive communities, have been refurbished to not only meet Decent Homes standards but also to provide quality homes that people want to live in.

A WBS Insulated Render system incorporating 80mm Expanded Polystyrene was chosen for the properties as its thermal properties not only improved the U-value of the dwellings from 2.1 W/m²K to 0.35 W/m²K but more importantly, ensured the residents had nice warm homes that were also less expensive to heat.

Once the EPS insulation had been fixed to the exterior of the homes WBS Estepona Brick Slips were applied to give the homes a warm, traditionally classic appearance.



WBS Design & Specifications Advisory Service

In addition to our continuing success in supplying high quality materials at cost effective rates, Wetherby offer a complete **Design & Specifications Advisory Service**, enabling you to gain sound technical advice based on years of practical on-site experience.

Located across the UK, our technical personnel can advise on all aspects of the suitability of materials and systems, providing details, designs and specifications for the application of the products and also U-value calculations, condensation risk calculations and physical display samples for client consultation purposes.



- Comprehensive specifications
- Thermal calculations
- Full colour technical drawings in *.DWG or *.PDF format
- On site inspections and professional advice
- Tenant awareness presentations & regular liaison meetings
- Physical product samples
- Accurate budget costs supplied via our network of approved contractors



Specifications provided in NBS Format



ISO9001 / ISO14001

Wetherby Building Systems are certified to Quality Standard ISO-9001 and Environmental Standard ISO-14001, Joint Certificate No UK9000006.



Industry Associations

Full members of the Insulated Render and Cladding Association and the National Insulation Association.



For further details, please contact
WBS TECHNICAL SUPPORT on **08458 382380**



01

Insulated Render Systems
// New Build



02

Flexible Silicone & Acrylic Finishes



03

WBS Brick Slip Cladding Systems



04

Insulated Render Systems
// Refurbishment



05

**Polymer Modified Renders
& Specialist Finishes**



06

**GRP Canopies &
Architectural Mouldings**



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