

Facades Projects



H.A. Marks Facades

H.A Marks are an experienced Cladding Contractor with Design Capability. We offer a complete through the wall façade cladding services and have specialised in facades since 2002.

Cladding Facade Services

- External/internal steel frames and cement boarding
- Insulated (EWI) render
- Solid renders
- Ceramic and metal cladding and rainscreens
- Timber claddings and rainscreens
- Insulated brick cladding and brick slips
- Terracotta rainscreens
- Composite and decorative board claddings
- All associated flashings, copings and trims
- Approved installer for many systems and suppliers with warranties available
- ISO 45001, 9001 and 14001 audited and accredited
- Experienced workforce, trained in the systems we install
- Responsible and proactive culture in respect of health and safety from director level to site operatives
- Design and costing advice

Remedial Works

- Surveys/Investigative Assistance & Opening Up Works to Problem Cladding Systems
- Assistance in carrying out Intrusive Surveys
- Tenant & Client Liaison Services
- Access Scaffolding & Plant Hire
- Security
- Remediation Works & Fire Breaks/Passive Fire Protection
- Stripping Defective Cladding Systems & Installing New Cladding Systems



Qualifications

Our long trading history help to demonstrate our competency and ability.



The Lexicon Shopping Centre Bracknell



Value: £700 000

Unit 14 was a 1960 style concrete frame and H A Marks carried out strip out and reconfiguration to enable the unit to be let for a new restaurant.

H A Marks removed existing staircases, infilled floor, formed new openings within concrete floors supported by steelwork, poured new concrete staircases, formed new access openings into the unit, stripped back floors to expose concrete, carried out concrete repairs, fireproofing, installation of new drainage.

The Existing Façade was removed back to the original shell. Void area between steels was infilled with 140mm Median dense Blockwork. Curtain Walling, Fire Barriers, Supporting frame of helping hands and rail, Petrarch Cladding board, Powder Coated Flashings, Aluminum Coping and roof handrail

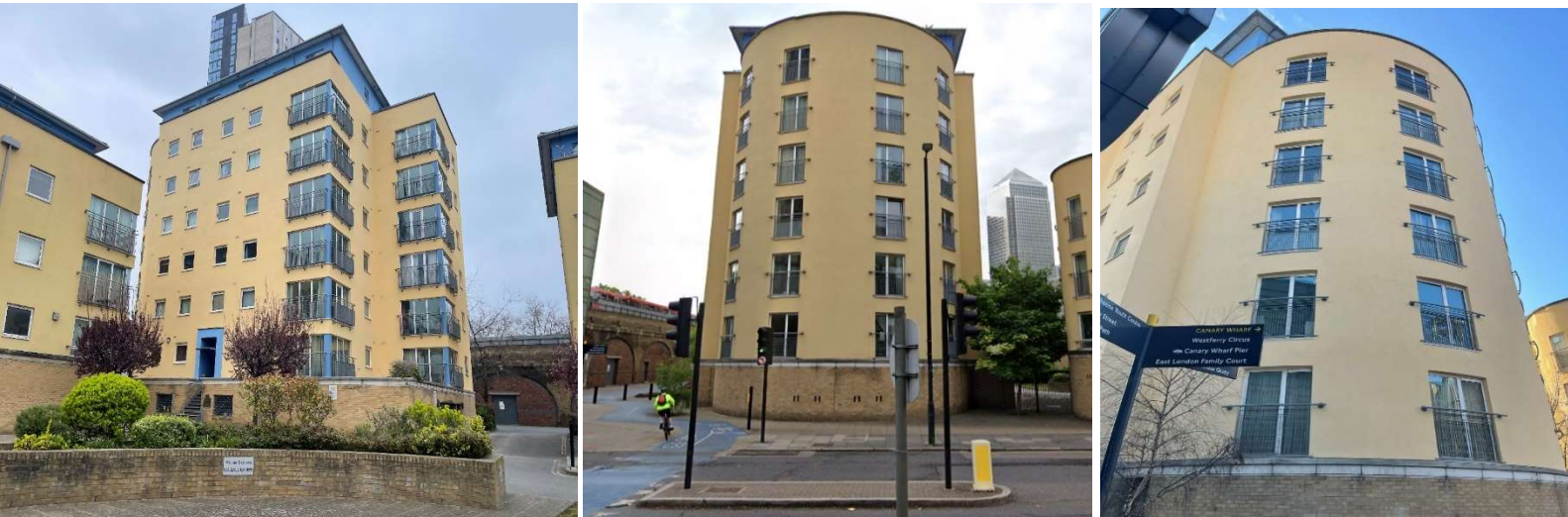
Fire barriers were designed and installed to the Fire Strategy. Prior to any installation on site, H A Marks arranged training with various systems.

The External Cladding was a 10mm Petrarch Stone consisting of 4 different Colours. The Petrarch stone had a minimum for 4. Fixing on the back which hooked onto a horizontal rail. The horizontal Rail were supported by Vertical rails and Helping hands fixed back to the blockwork or Existing concrete slab.

The works consisted of:

- Strip out existing shell
- Installation of 10mm Petrarch Stone Cladding
- Installation Helping Hands and Vertical Aluminium Rail to support Cladding
- Install Fire Barriers
- Installation of glass curtain walling system
- Powder coated Aluminium trim and Copings

Fonda Court.



Value: £1 100 000

Fonda Court is a residential block of apartments, which had 100% occupancy levels throughout the works.

The building is one of seven on the estate, which required for the existing Sto render façade to be removed from first floor to the penthouses. The original rendered insulation was polystyrene sheets with a 20mm cavity mechanically fixed to the building, this was replaced with 90mm Rockwool sheets (On the straight walls) and 70mm Rockwool sheets (On the curved wall areas) fixed directly to the building using adhesive and also mechanically fixed following Sto's design, with no cavity.

A fully designed scaffold access was installed around the perimeter of the building. The footprint of the site was immediately adjacent to a busy cycle lane & a DLR railway line, so care had to be taken whilst the erection and dismantling of the scaffold was taking place. Representatives from TFL visited frequently to monitor progress and ensure the installation was carried out safely.

The works consisted of:

- Remove Existing render
- Repair External Building where required
- Installed Sto Render with no Cavity

YHA Bolsover Street.



Value: £960 000

YHA is a busy central London Hostel / Hotel, which had 100% occupancy levels throughout the works.

The building forms part of a terrace and only has a front and rear façade. The rear had no courtyard space as a single-story rear extension extended the entire footprint. The only access to the rear was via the first floor of the main building through a smoke vent AOV that provided access to the flat roof of the rear extension.

A scaffold design was produced for a front but the rear a weighted cradle system was design to allow access to the Rear elevation.

Existing Render and Cladding was removed from the Rear and Front Elevation.

A 12mm Y Wall sheathing board was mechanically fix back to the building.

At the Rear of the building a new Sto Rotofix 150mm Mineral fibre insulated render system was installed

A new Sto Therm Mineral K Fibre insulated Brickslip system was installed to the Front elevation from the top of the first floor upwards. The components of the new system were all rated as non-combustible.

The works consisted of:

- Remove Existing render and cladding
- Install new sheathing board
- Install new Sto Rotofix 150mm Mineral fibre insulated render system
- Sto Therm Mineral K Fibre insulated Brickslip system

Kings Mall Hammersmith



Value: £1,450,000

Kings Mall Shopping Centre is situated on one of London's busiest high Streets in the heart of Hammersmith. The high Street consist of high-end branded shops and commercial banks along with the Internal Mall. The objective of this project was to update and modernize the appearance the 1960 Precast Façade. H A Marks had previously installed double height glass fronted shopfronts to the retail units and this project was to complete the vision of a modern appearance to the shopping center. The project summary was over cladding, lighting, signage and LED screen.

The works involved:

The reclad length totaled one quarter of a kilometer. H A Marks arranged full permissions with Transport for London, Hammersmith and Fulham council for erecting Scaffolding and installing the New Cladding

The cladding was a 11mm Rockpanel hook on System which was the first of its kind to be installed in the UK. This is a secret fix panel with the clasp precision drilled in the factory into the back of the panel. The panels are then hooked onto a horizontal rail and the panel are finely adjusted with the top 2 clasps. The supporting Rails consisted of vertical aluminum rails and helping hands mechanically resin fixed back to the existing precast cladding and existing structure.

The existing wall build up was vast and far beyond the norm on this project. The build-up width was excess of 530mm to ensure a flat profile to the face of cladding and mask the existing precast. We undertook calculations to ensure standard details could be adopted. In this case, they could. However, when it came to the helping hand support brackets, these became purpose made components. No off the shelf support systems was available. Our management team had to develop the design with Fisher UK and Fischer Germany to manufacture one off helping hand brackets that could accommodate the cavity build up behind.

Other works were to Test the Concrete Condition, install a 2mm aluminium coping above the cladding profile, installing LED strips within the joints to enhance the cladding and installing LED screen within Cladding profile by the Main Entrance.

Chatham Place - Phase 2



Value: £2,250,000

The Project consisted of the design and build of the complete external wall to an 18 Storey apartment building. The external wall finishes included a mixture of 3500m² of aluminium rainscreen cladding and 2500m² of insulated render, with 50% of the external envelope being curved.

Systems Used:

- CGL aluminium tray panels; ideal combi windows.
- Sto insulated render system.

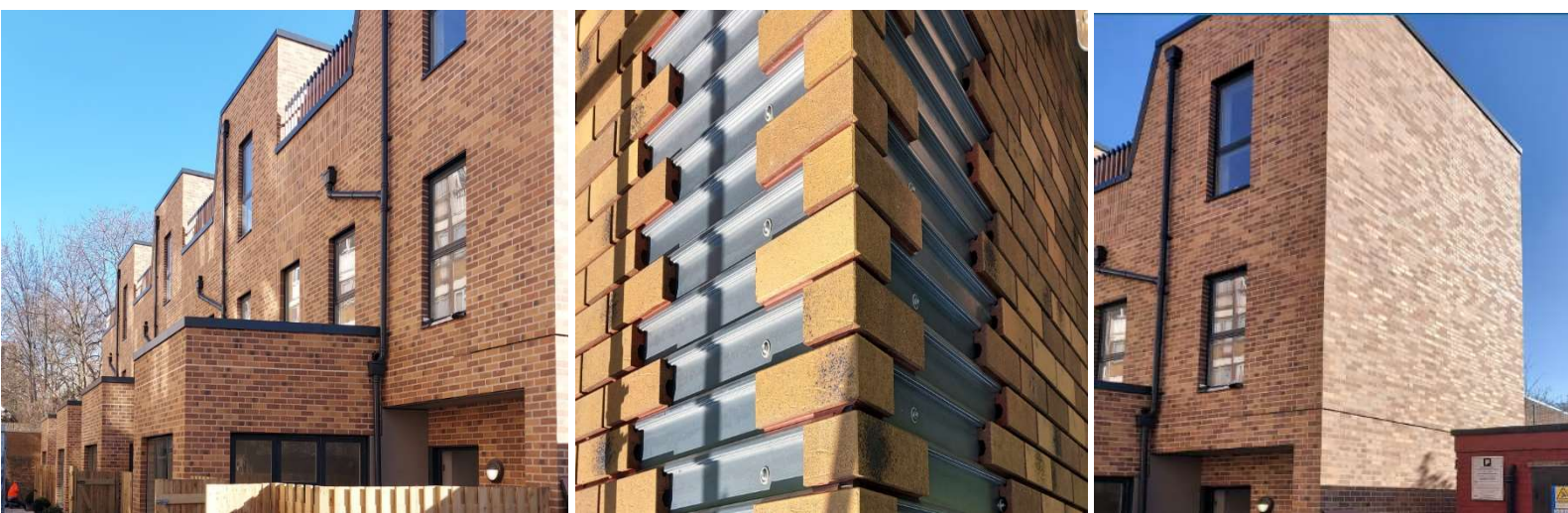
Challenges:

- Cladding to the curved areas (setting out) and interface with Ideal Combi windows.
- Cladding interface with balconies and glass balustrade.
- Working around scaffolding ties.
- Meeting tight programme and dates for scaffolding drops.

Main works consisted of:

- Installation of Metsec SFS external wall.
- Installation of composite windows and balcony doors.
- Installation of Sto external wall insulation.
- Installation of aluminium cladding panels, in 3 varying colours, including curved cladding panels.
- Installation of aluminium cills, flashings and copings.
- Installation of Schuco Curtain Walling and Record Sliding Doors to ground floor entrance and retail areas.
- Installation of glazed sliding entrance doors.
- Installation of External louvre doors.
- Installation of glass corners to the acute external corner of the building. The balcony was concrete, to which we clad the soffit and also cladd half way up the glass balustrade.

Westminster (Melrose & Keith)



Value: £3,100,000

Melrose and Keith is part of a program to regenerate new homes on existing garages owned by Westminster Council to create 12 new spacious property

The works involved:

HA Marks inherited Timber Frame Sipp Panel Building from the previous contractor.

After a Fire Engineers Report a 15mm Fire Rated Supalux board was installed over the Timber Sipp Panel External envelope.

Tophats, Helping Hands and Vertical Rails were design and installed to create a supporting frame for the Corium Brickslip system. The Helping Hand System allows the Rails to be move in or out to take out any inconsistency in the original structure this will give a true flush line to the Corium Brick slips finish.

Corium Horizontal rails were mechanically fixed back to the vertical rail and the 32mm Corium brick slip was clips onto the rail using a rubber Mallet.

Corium Brick Slips were pointed and finished with a brush & flush finish.

Aluminum powder coated copings were installed on the balcony and roof Areas

Southmere Library



Value: £700,000

Southmere Library is a New build situated in Abbey Wood South East London. The Library is positioned within a New Housing Redevelopment. The Library is on Two Floors with a first floor Terrace Area.

The works involved:

Rainspan Panel 150mm Eurobond Rainspan panel were installed. Galvanized steel Support Angle were Calculated and installed at various locations to support Rainspan panels. The panels were installed Vertically in various lengths up to 11.1m long panel. 150mm Rainspan panels act as insulated structural wall with 0.7mm Galvanised Steel External Wall with a Stone Wools internal infill.

Bespoke Rainspan Support Angle A Bespoke support angle with slots was designed to allow any deflection in the building wouldn't affect the Rainspan panels or Airtec Stone. This allowed us to install 11.1m vertical panels without any movement joints.

SFS. 150mm SFS frame infill was installed around and above the Curtains Walling. 200mm SFS Installed in soffit Area to support Eurobond Firemaster panels

Soffits. Firemaster Extra Soffit Panels Eurobond Firemaster panels installed in the soffit Areas to create a water tight Soffit Area.

Airtec Stone installed by using a Secret fix hook on System. The Stones were supported by either a Helping hand and Vertical L Rails or a vertically installed tophat system. The Airtec Stone is a A2 Fire rating Cladding. It consists of a 9mm Nature Stone with a 20mm Cast Concrete backing with Ceramic points cast into the back of the concrete to allow for a bracket for the hook on system.

Bespoke Lifting Frame A bespoke Stone lifting Frame was Calculated and Designed to Lift and install stones into place.

Other Works Fire Barriers, Insulation, Base Flashing, Riser Roof

Novotel London West



Value: £800,000

The Novotel London West is a hotel in the heart of London of Hammersmith

H.A. Marks were appointed for the recladding works at Novotel, London West in Hammersmith.

The project consisted of recladding the rooftop plant rooms for this lively hotel during normal working hours. We phased works carefully to ensure minimal disruption while ensuring optimal safety for all of the hotel occupants.

Some challenges on this project included high level works with restricted access, working with phone companies to ensure their masts were protected and asbestos removal. The project was completed within the programme scheduled.

The works scope included:

Roofing works and external façade repairs with scaffolding

Recladding of rooftop plant rooms Asbestos removal

Installation of new signage Flashings and copings Installation of Louvres Pigeon netting

Tara Arts Theatre



Value: £2,100,000

The original Tara Theatre was the home and performance base, of the UK's first Asian led arts organisation for over thirty years.

The project objective was to provide a brand new building in which the Tara Arts team can present their theatre to the public while also providing a full administration centre for the running of their activities. The project was particularly difficult in terms of logistics and presented many issues which, through careful planning and liaison, H.A. Marks overcame and delivered successfully. The building won 'Project Design of the Year' at the London Construction Awards.

Scope of works:

Demolition of existing building

Piling and substructure works to create a new RC basement, retaining walls and suspended ground floor slab Steel Frame superstructure

Variety of roofing techniques

Envelope works including, brick & block, metsec and pargetting render Retaining walls to Network Rail Embankment

Full fit out Theatre fit out

Ventilation, heating and cooling systems Lift installation

Challenges included:

Incredibly tight site with a main arterial road and network Rail in close proximity.

Easthill, Wandsworth



Value: £1,000,000

This scheme consisted of five large, residential, apartment blocks and was built for John Laing Homes. H.A. Marks installed an SBD Webber Insulated Render System to a block-work frame substrate in the five residential blocks.

We installed a light steel framing system with sheathing boards, a tyvec layer with timber cedar cladding to the Penthouses. Insulation was installed between the framing.

As with all H.A. Marks installations, the works were quality inspected and signed off on a regular basis, by our management and the inspection teams from the various manufacturers of steel frame, insulated render, terracotta & weatherboarding as well as the client and NHBC.

Manor Place Depot



Value: £2,120,000

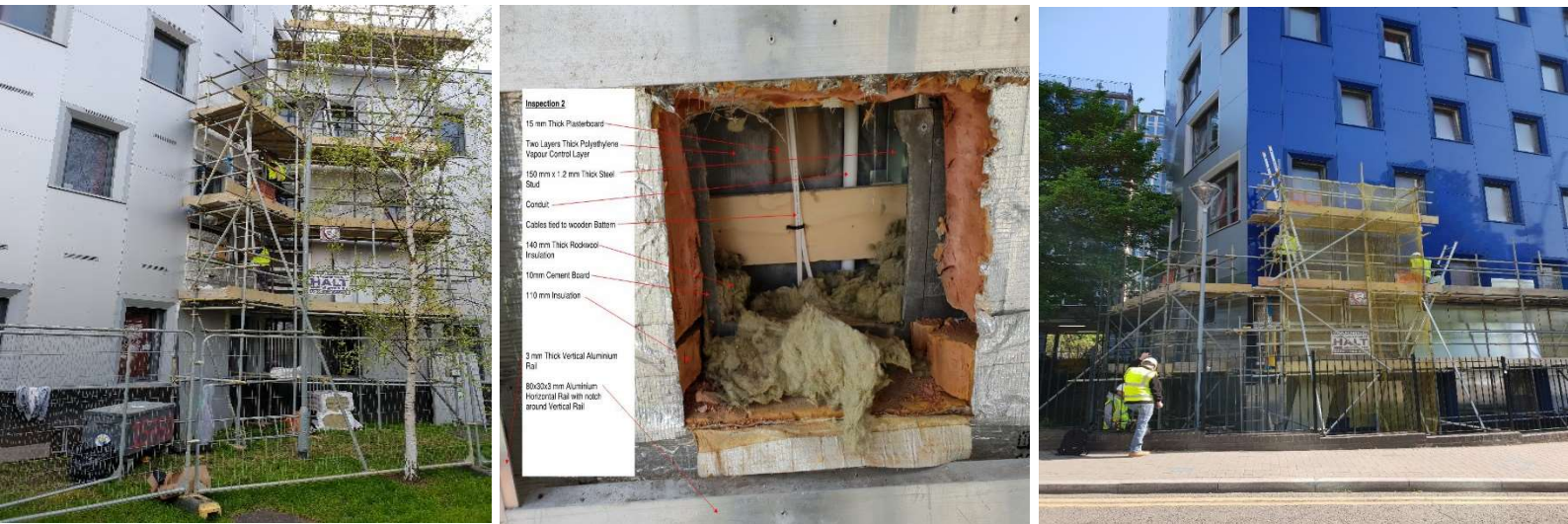
Manor Place Depot comprised of 270 new homes and restored a Grade II listed former bathing complex for commercial uses, surrounded by newly created and high-quality public realm.

Works involved:

The External Façade Cladding Work Package consists of the following principle items:

- *Cedral comprising of Marley Eternit Cedral panels Colour C04 Dark Brown size 10 x 190 mm fixed with stainless steel screw an overlap pattern onto 110x60x2mm T Rail on "helping hands" brackets fixed to Metsec SFS including 125 mm Rockwall Duoslab with a Tyvek Breather Membrane*
- *Rendering comprising 1800m² of STO-REND fibre Plus Colour Sto 37304 Grey back to Blockwork. ACM Panel comprising 925m² of 4mm*
- *ACM Panel Colour Anthracite Grey 105 (RAL 7016) fixed back to Metsec frame with Aluminium Angle and 180mm Helping Hand. With 125mm Rockwall Duoslab with a Tyvek Firecurb Housewrap*
- *Soffits comprising 2250m² of 8mm Marley Eternit Equitone (Natura) Colour Portland N294. Fixed back to 50x25 Fischer Box Section to Aluminium L Rails and Helping Hands. Perimeter Trim was installed RAL 7016. Petrarch Stone comprising 225 m² of a 10mm*
- *Petrarch Stone Colour 726 Portland Rivit fixed back to 100x60mm T Rails and Helping Hands to the Concrete Column and beam structure*
- *Shackerley Stone comprising of 12mm Shackerley Ceramic Stone secret fixed back to HG Rails onto T Rails and helping Hands*
- *Copings comprising 1100m long of a 2mm Aluminium Coping RAL 7016 fixing to a 3mm Galvanised Steel Retention Bracket. This also has 18mm Continuous Plywood and EPDM to strengthen and weather*
- *Reveals and Base Flashing Comprising of a 2mm Aluminium to RAL 7016*
- *Others Works comprising of EPDM, Fire Barriers, Water Testing*

Intrusive Survey of Existing Facade



Value: £ N/A

This is a student accommodation located in London which consists of 435 Bedrooms.

The works involved:

The objectives is to carry out an intrusive survey through the wall to confirm specifications and construction details. We acted as principle contractor and liaised with the building management, scheduled works and program to suit building users, arranged accessed to include scaffolding and MEWP's.

Sections of Cladding were removed with an inspection hole cut through the wall. Detail Report include drawings and photographic Report listing the various component build up.

An Elevation drawing of the Survey Area was produced identifying Supporting Rail, Helping Hand and Fire Barrier location

Liaised with clients specialist consultants and escorted them around on site visits and inspections.

Works took place both externally and internally.

Materials were removed and delivered for testing

The Meadows Chelmsford



Value: £ 5,200,000

The Meadows Retail Park is a base in the heart of Chelmsford. An A1 class unit approx. 1055sq m occupied by Argos to be converted into four A3 units over 2 floors with a new glazed extension.

The works involved:

Strip Out - Internal strip out of the existing Argos unit and sub divided into 4 units with new acoustic floor installed.

Drainage - New drainage and alteration apply to the new layout.

New Fire Escape - New steel fire exit staircase installed for the 4 new units finished with brick external finish.

External Façade Alteration - New aluminium windows installed back to SFS. Brickwork and a bronze standing seam cladding fixed back with helping hands and rails onto SFS.

Front Elevation Extension - Steel frame extension erected for a curtain walling front entrance. Internal stair and lift constructed for access to the 1st floor units. On the 1st floor a balcony been constructed for a future food outlet.

Electrical Works Installation of distribution board, emergency lighting, electrical heating, small power, fire detection and alarm system.

New Plant Deck New Baruder LiquiTec liquid coating system applied to the main roof. Galvanised Spreader plates installed to support new Plant deck metal floor grille.

Compartmentation works consisted of:

Passive Fire Stopping and remedial works in new retail stores & service areas

Intumescent Fire Spraying to new structural steelwork within newly refurbished store areas

Rathbone Market



Value: £1,960,000

H.A. Marks were a cladding subcontractor on this project, the principle contractor was John Sisk & Sons.

The works consisted of the Design, Procurement and installation of Metsec Framing, Terracotta Rainscreen Cladding, Trespa Meteon Rainscreen Cladding, Aliva Ceramic Rainscreen Cladding and all associated Flashings, membranes and insulation to meet with projects requirements.

- Cold Rolled Steel Framing
- Cement Particle Board
- EPDM
- Mineral Insulation between Metsec Studs
- Brick Channels & Cavity Insulation to Blockwork Cavity
- Vapour Control Layer
- Rainscreen Insulation
- Breather Membrane
- Rainscreen Systems - James & Taylor Moeding Alphaton
- Trespa Meteon Rainscreen
- PPC Aluminium Cladding to Building D Walkway Soffits, Fascias
- Columns and Balustrades
- Firebreaks
- Design
- Acoustic Design and Testing
- On site Weather Tightness / Pull out Testing

Next Retail Store



Value: £ 667,000

Next is a new outlet store within Eclipse Park which is on the outskirts of Maidstone. The Nest store is 40,000 sq ft superstore built over 3 floors.

Works involved:

The External Façade Cladding Work Package consists of the following principle items:

- Rainspans comprising of 2000m² of 175mm Eurobond
- Rainspain panels fixed back directly to hot rolled steel
- Corium Brickslip 1250m² - brick slips fixed to horizontal rails which are fixed directly to the rainspan
- Areolite Stone comprising 650m² of 20mm tiles - International Areolite Stone fixes onto horizontal rail which are fixed to the Rainspan
- High level panel installed with undercut anchors
- Soffits comprising 158m² of 10mm Trespa Panels
- Rivet fixed back to Aluminium Rails
- Copings comprising 1100m long of a 2mm aluminium coping fixed to a 3mm galvanised steel angle
- Feature channels, comprising of a 2mm aluminium profile which enclosed around the corium brickwork
- Coping & Base Flashing, comprising of a 2mm aluminium to RAL 7016
- Others works comprising of Metsec false Column, EPDM & Fire Barriers

Fisher Close, Waltham Cross



Value: £500,000

The project involved an over clad system to a 1960's concrete built block funded by CESP, to improve both aesthetics and thermal performance.

Works consisted of:

STO Insulated Render Systems to the main external walls

Laminate colour panels to the stair cores and circulation areas

Cedar infills installed around front doors

Bankside Lofts, Hopton Street



Value: £670,000

The building was constructed approximately 15 years ago as high end, residential apartments with mixed use, commercial (including an Art Gallery) to the ground floor and residential above. It had been clad in an Insulated Render System, over a part steel and part concrete frame. There had been a failure of the system which was the subject of a BRE report.

H.A. Marks are a trained and approved Sto Insulated Render Specialist with our in-house Facades division offering expertise in design, management and installation of a wide range of cladding and render systems. We were employed as a specialist Principal Contractor to carry out extensive repairs and overclad to the failed fabric in order to reach current standards.

The entire building was re-rendered with a Sto, fully acrylic, thin coat, reinforced render system in bespoke colours to match planning requirements. During the contract major additional remedial works were identified by the client and were carried out and completed within our original program. The contract work was carried out under the JCT design and build form of contract. The installation benefited from a 15 year, insurance backed, latent defects warranty.

Premier Inn Canterbury



Value: £570,000

Supply & installation of Eternit, Petrarch, Stone Cladding and Insulated Render.

Riverside Mansions



Value: £206,000

The Facades/Cladding Envelope that we applied to the existing apartment building, incorporates a 15 year insurance backed defects warranty.

The works consisted of:

- *Installation of the over clad to the existing facades part render finish*
- *Part brick slip finish*
- *Adaptations to existing fixtures and fittings*
- *Insulated render system*
- *Insulated brick slips*

The Malls Shopping Centre



Value: £1,000,000.00

The project consisted of the design and build with part over clad to existing structures and new cladding installations to new build sections of the Shopping Mall. We designed various support systems from lightweight rain screen to heavyweight purlins support systems.

We designed and installed vertically curved and horizontally curved support systems to carry:

- *STO Insulated Render Systems*
- *Rain Screen Render Systems*
- *Perforated aluminium rain screens - both flat and curved*
- *Multi coloured terracotta rain screens*
- *Terracotta baggette (Louvred) rain screens*
- *Alluco bond pillasters*
- *We also supplied and fitted the associated flashings and trims*

Corrib House, 1 Beadman Street, London, SE27 0DN

Tel: 0208 659 6918 Email: mail@hamarks.com www.hamarks.com

