



Building Sustainable Futures

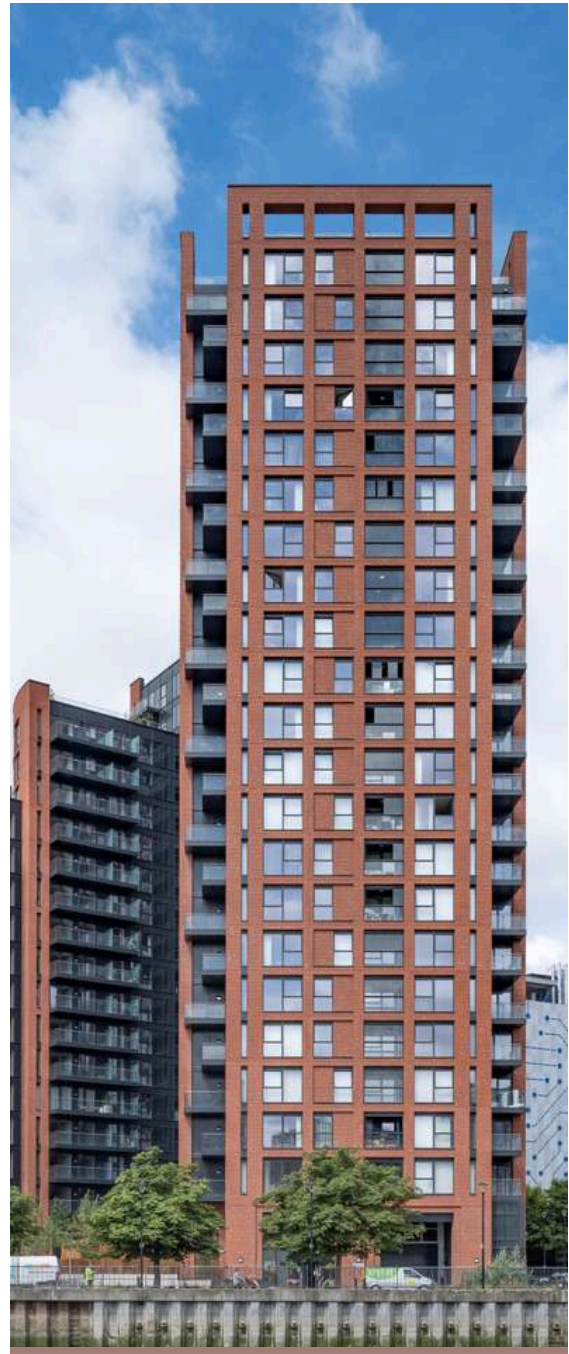
BRICK-FACING PRECAST CONCRETE

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INTRODUCTION



Founded in 1985, Techrete is one of the leading companies in the design, manufacture, and installation of architectural precast cladding, serving the UK and Irish construction markets.

Techrete have a strong reputation for the successful delivery of challenging and complex projects, through a combination of industry leading knowledge and experience and by employing a proactive approach to all aspects of a project.

Our success over 40+ years is founded on the development of a manufacturing and technical expertise which dovetails state-of-the-art technology with skilled craft-based processes.

Techrete's experience spans multiple sectors including commercial, residential, retail, public, justice and more.

With the addition of our brick-cutting facility in Brigg in 2022 and with numerous, brick-facing projects completed all over Ireland and the UK, we are well positioned as one of the leaders in the ever-popular brick-facing precast concrete facade market.



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MANUFACTURING



› Brick slips are placed in the mould



› Steel reinforcement is placed in the mould



› Concrete is poured



› Panel is lifted out of the mould



› Panel is sprayed down with water



› Pointing is completed

SPECIAL FEATURES

CURVED BRICK & ARCHES



› Orchard Wharf, London



› i9 Wolverhampton Exchange



› Marylebone House, London



› Oxford Science Park



› Brammal Music School, Birmingham

SPECIAL FEATURES

SAWTOOTH, PERFORATED & BASKET WEAVE



› Perforated brick : Marylebone House, London



› Perforated brick : UCLH, London



› Sawtooth effect : Island, Manchester

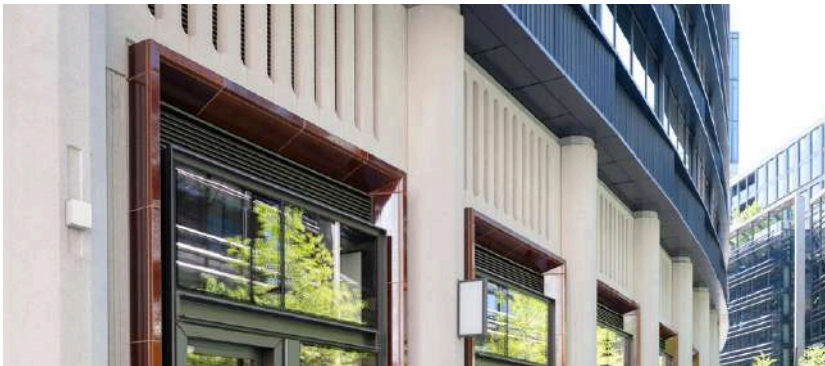


› Sawtooth effect : UCLH, London



› Basket weave : i9 Wolverhampton Exchange

BRICK & RECONSTRUCTED STONE



› One Kesidee Square, Kings Cross



› Boston Sdings, Dublin



› Grangegorman, Dublin



› Brent Cross, London



› Osiers Road, London



› Creed Court, London

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BRICK & NATURAL STONE



> Lancer Square, London



> Bramall Music Building, Birmingham



> Creed Court, London



> Creed Court, London



> Creed Court, London

MARYLEBONE HOUSE, LONDON



PROJECT DETAILS

Contractor:
Blenheim House Construction

Architect:
Fletcher Priest Architects

Bricks: 7 types including
mystique, bulmer red, cathedral
grey & anselmo.

Details:
84 brick-facing panels, double-
storey arch panels.



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OSIERS ROAD, WANDSWORTH



PROJECT DETAILS

Contractor:
Hollybrook Homes

Architect:
Burwell & Rolfe Judd

Bricks:
Mystique / Weinerberger

Details:
846 brick-facing &
reconstructed stone panels
with Sapphire balconies.



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BRENT CROSS TOWN, LONDON



PROJECT DETAILS

Contractor:
PCE / Galliford Try

Architect:
Allies & Morrison

Bricks: Covagonda Green
Heathflower, Ebony, Gunsmoke

Details:
707 brick-facing &
reconstructed stone panels with
Sapphire balconies.



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FULTON & FIFTH, LONDON



PROJECT DETAILS

Contractor: Regal / PCE

Architect:
JTP / Ryder Architects

Bricks: Bellbrook Red Multi,
Woodland Mixture, Perla White

Details:
1,968 brick-facing &
reconstructed stone panels with
Sapphire balconies.



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'ISLAND' JOHN DALTON ST., MANCHESTER



PROJECT DETAILS

Contractor:
Bowmer & Kirkland

Architect:
Cartwright Pickard

Bricks:
Natural Orange

Details:
270 brick-facing panels with
sawtooth detailing.



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GASCOIGNE ESTATE, BARKING



PROJECT DETAILS

Contractor:
Wates Construction

Architect:
Fletcher Priest

Bricks:
Vandersanden, Vande Mortel

Details:
5 blocks, 1,326 brick-facing &
reconstructed stone panels.



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BEGBROKE SCIENCE PARK



PROJECT DETAILS

Contractor:
Mace

Architect:
MBBJ Architects

Bricks:
Chobham Blend

Details:
320 brick-facing &
reconstructed stone panels.



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MILL ROAD, ILFORD



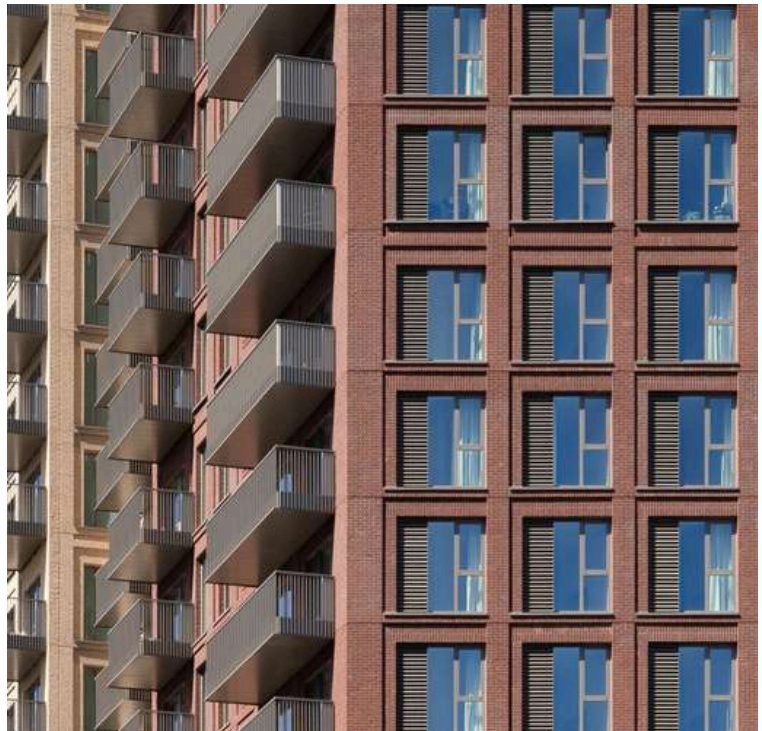
PROJECT DETAILS

Contractor:
Telford Homes

Architect:
Stockwool Architects

Bricks: Staffordshire Blue,
Haywood Red, Elgin Blend

Details:
850 brick-facing panels.



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BELGROVE HOUSE, LONDON



PROJECT DETAILS

Contractor:
Mace

Architect:
AHMM Architects

Bricks:
Smead Dean Crawford Blend

Details:
415 curved brick-facing
panels.



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BERMONDSEY S&T, LONDON



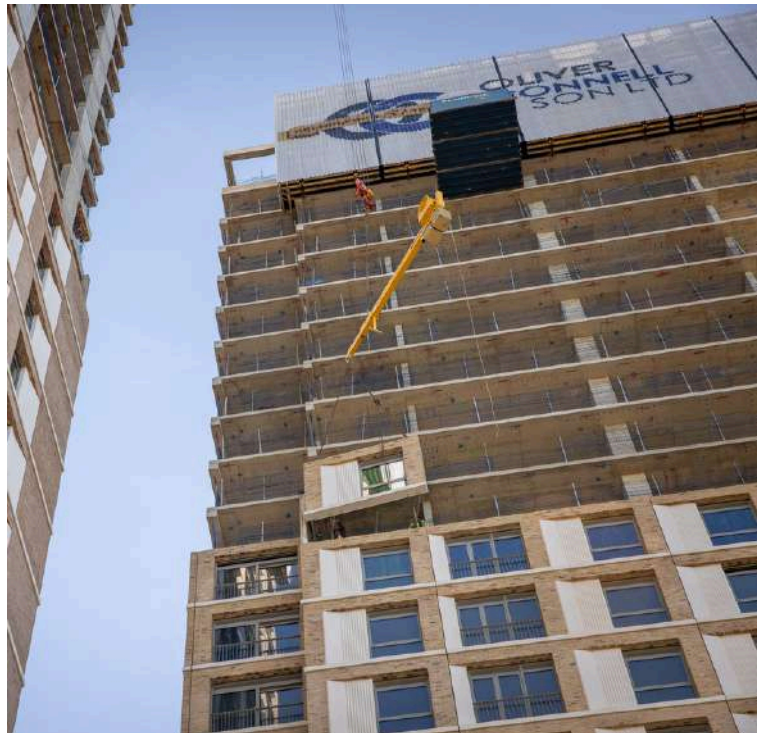
PROJECT DETAILS

Contractor:
John Sisk & Son

Architect:
AFK Studios

Bricks:
Rustington Brown, Chobham
Blend, Irlanda Bianco

Details:
1,722 brick-facing &
reconstructed stone panels.



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BERMONDSEY D&E, LONDON



PROJECT DETAILS

Contractor:
McAleen & Rushe

Architect:
AFK Studios

Bricks:
Rustington Brown, Draco

Details:
647 brick-facing &
reconstructed stone panels.



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179 NEW BOND ST, LONDON



PROJECT DETAILS

Contractor:
McLaren Construction

Architect:
Foster & Partners / Veretec

Bricks:
S.Anselmo BB bricks

Details:
129 75mm brick-facing &
reconstructed stone panels.



KINGS ROAD, CHELSEA



PROJECT DETAILS

Contractor: Wates Construction

Architect: LDN Architects

Bricks: Hampshire Red Stock
green & grey glazed, Peterson
black glazed & Weinerberger
Marziale

Details:
263 brick-facing panels.



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EDENICA, FETTER LANE, LONDON



PROJECT DETAILS

Contractor: Mace

Architect: Fletcher Priest

Bricks: Blue glazed bricks by
Bespoke Brick Company.
Glazed by H&E Smith.

Details:
698 reconstructed stone &
brick-facing panels.



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1 KESIDEE SQUARE, KINGS CROSS



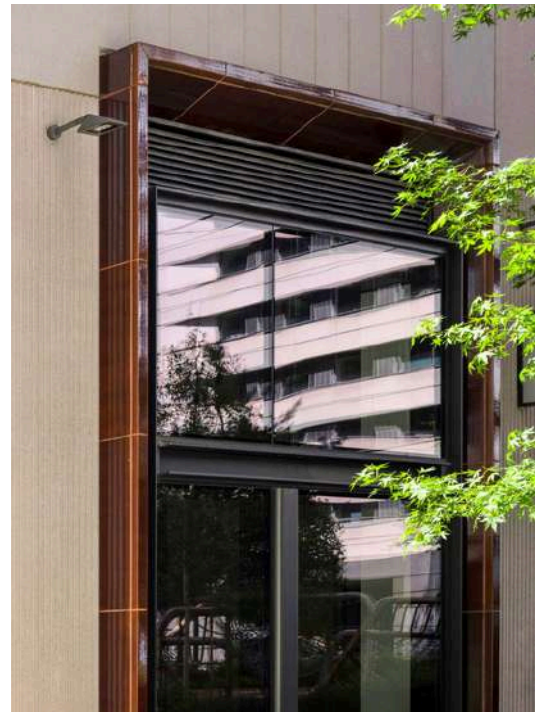
PROJECT DETAILS

Contractor: BAM

Architect: AHMM

Bricks: Brown glazed bricks by
Pyrolave Architecture

Details:
178 reconstructed stone & brick-
facing panels.



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CREED COURT, LUDGATE HILL



PROJECT DETAILS

Contractor:
Mace

Architect:
Pilbrow & Partners

Bricks:
Weinerberger

Details:
1,381 brick-facing, terracotta-facing & reconstructed stone panels with punch windows.



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LANCER SQUARE, KENSINGTON



PROJECT DETAILS

Contractor:
Mace

Architect:
Squire & Partners

Bricks:
York Handmade

Details:
469 brick-facing & natural
stone-facing panels.



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ORCHARD WHARF, LONDON



PROJECT DETAILS

Contractor:
O'Shea's

Architect:
BUJ Architects

Bricks:
Ammonit

Details:
928 brick-facing &
reconstructed stone panels
with punch windows.



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THE ROBINSON, WEMBLEY PARK



PROJECT DETAILS

Contractor:
John Sisk

Architect:
PRP Architects

Bricks:
Bespoke brick /Vande Moortel

Details:
1,610 brick-facing &
reconstructed stone panels
with punch windows &
Sapphire balconies.



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UCLH, CAMDEN



PROJECT DETAILS

Contractor:
Mace

Architect:
Pilbrow & Partners

Bricks:
Charnwood

Details:
1,381 brick-facing &
reconstructed stone panels
with punch windows.



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i9 WOLVERHAMPTON EXCHANGE



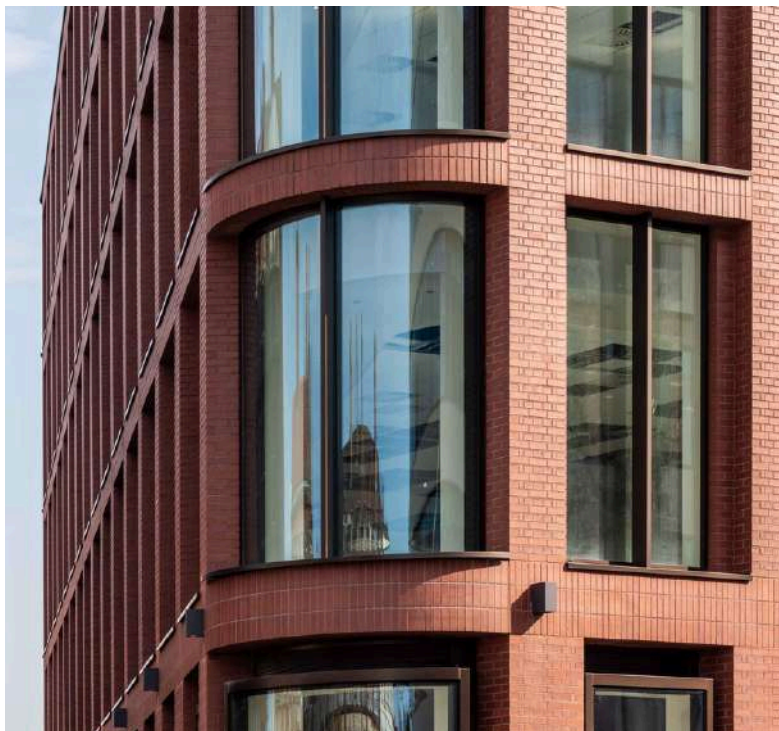
PROJECT DETAILS

Contractor:
Graham Construction

Architect:
Glenn Howells

Bricks:
Ibstock

Details:
239 brick-facing &
reconstructed stone panels.



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COMMERCIAL ROAD, LONDON



PROJECT DETAILS

Contractor:
PCE

Architect:
Dexter Moran

Bricks:
Bespoke Bricks

Details:
233 brick-facing &
reconstructed stone sandwich
panels.



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THE MARQ, DUKE'S COURT



PROJECT DETAILS

Contractor:
Skanska

Architect:
Rolfe Judd & John McAslan &
Partners

Bricks:
Strating / All About Bricks

Details:
157 brick-facing, portland stone-
facing & gold gilded panels.



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LONDON FRUIT & WOOL EXCHANGE



PROJECT DETAILS

Contractor:
Sir Robert McAlpine

Architect:
Bennetts Associates

Bricks:
Charnwood

Details:
646 brick-facing &
reconstructed stone panels.



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DURHAM UNIVERSITY, STUDENT ACCOMMODATION



PROJECT DETAILS

Contractor:
PCE

Architect:
Willmore Iles

Bricks:
Wienerberger / Edenhall

Details:
15,000 brick facing and
reconstructed stone panels.



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DAKOTA HOTEL, MANCHESTER



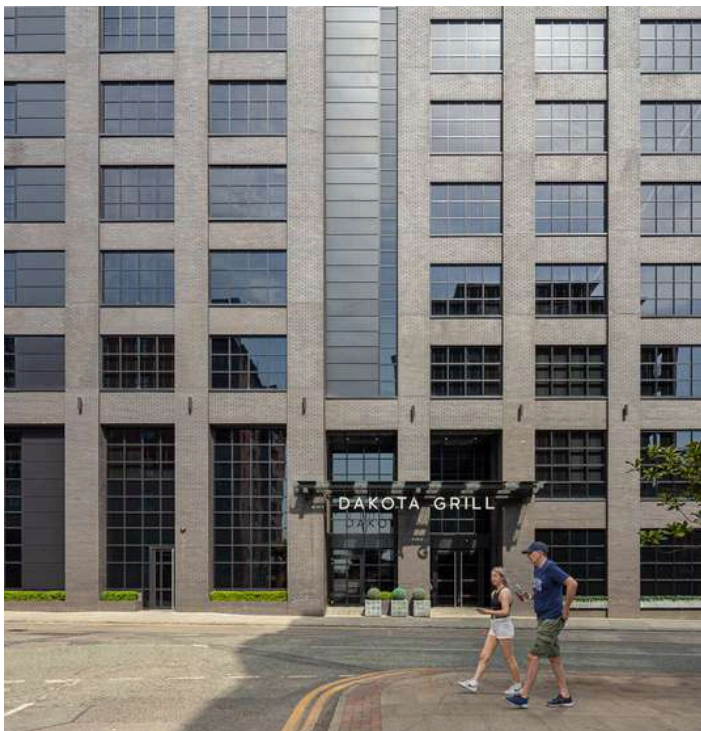
PROJECT DETAILS

Contractor:
McAleer Rushe

Architect:
Simpson Haugh

Bricks:
La Paloma

Details:
398 brick-facing &
reconstructed stone panels.



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BRAMALL SCHOOL OF MUSIC, BIRMINGHAM



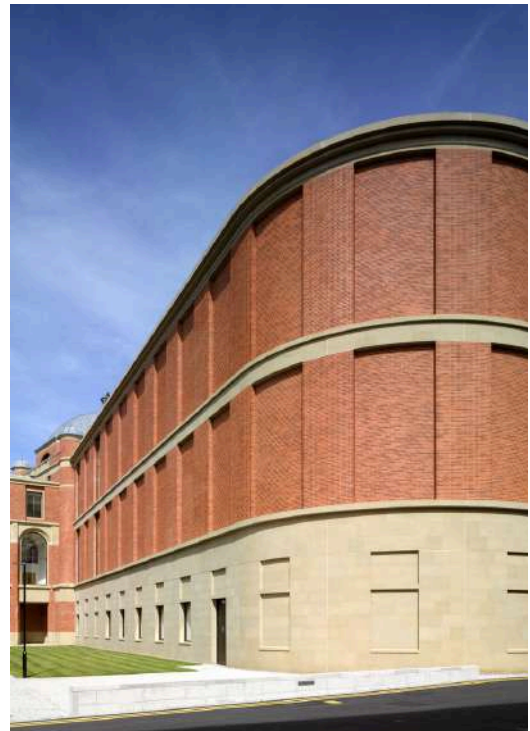
PROJECT DETAILS

Contractor:
BAM

Architect:
Glenn Howells

Bricks:
Das Baksteen

Details:
290 brick-facing & natural
stone-facing panels.



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MARSHALL YARDS, EAST ROAD, DUBLIN



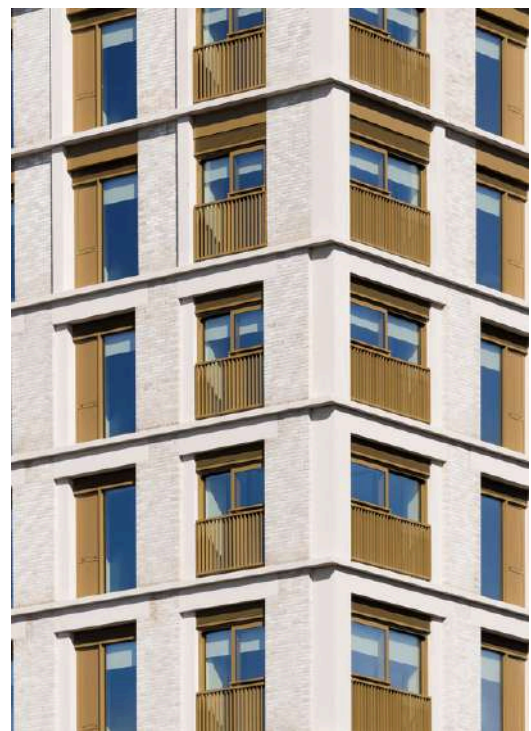
PROJECT DETAILS

Contractor:
Bennett Construction

Architect:
JFA Architects | OMP

Bricks:
Limestone

Details:
615 brick-facing &
reconstructed stone panels
with punch windows.



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CAPITAL DOCK, DUBLIN



PROJECT DETAILS

Contractor:
John Sisk

Architect:
OMP

Bricks:
Ibstock

Details:
1,105 brick-facing &
reconstructed stone panels
with punch windows.



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GRANGEGORMAN, DUBLIN



PROJECT DETAILS

Contractor:
Sisk / FCC JV

Architect:
FCB Studios

Bricks:
Engels

Details:
611 brick-facing &
reconstructed stone panels
with punch windows.



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THE SIDINGS, DUBLIN



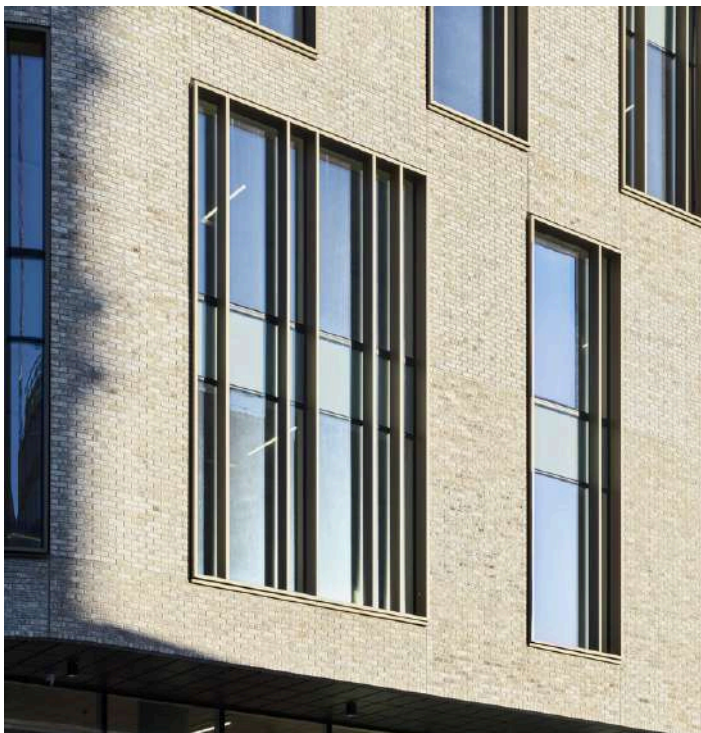
PROJECT DETAILS

Contractor:
Collen Construction

Architect:
TOT Architects

Bricks:
Weinerberger Marzial

Details:
348 brick-facing panels.



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LEINSTER HOTEL, DUBLIN



PROJECT DETAILS

Contractor:
Dale Vision Ltd.

Architect:
Henchion + Reuter Architects

Bricks:
Weinerberger - Casan Lena,
Golden Adante, St. Ives

Details:
147 brick-facing panels.



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INTERNATIONAL RUGBY EXPERIENCE, LIMERICK



PROJECT DETAILS

Contractor:
Flynn Construction

Architect:
Niall McLaughlin

Bricks:
Charnwood

Details:
474 brick-facing &
reconstructed stone panels.



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ESB HQ, DUBLIN



PROJECT DETAILS

Contractor:
PJ Hegarty

Architect:
Grafton Architects

Bricks:
Janinhoff

Details:
2,234 brick-facing &
reconstructed stone panels.



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10 MOLESWORTH ST, DUBLIN



PROJECT DETAILS

Contractor:
PJ Hegarty

Architect:
Henry J Lyons

Bricks:
Coleford

Details:
262 brick-facing, natural stone
& reconstructed stone panels.



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DUBLIN LANDINGS



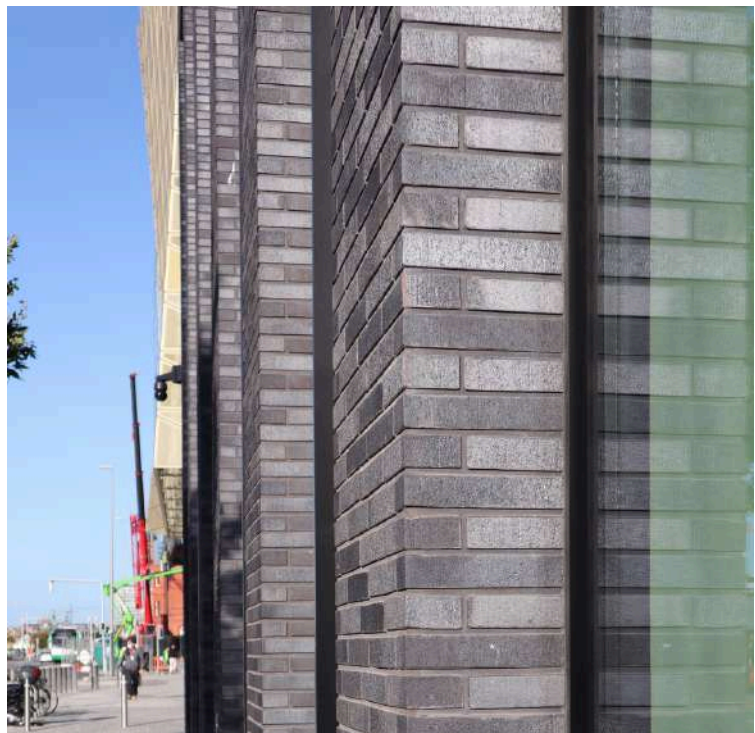
PROJECT DETAILS

Contractor:
Walls

Architect:
ARROW & RKD

Bricks:
Gima

Details:
407 brick-facing &
reconstructed stone panels.



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HAYMARKET HOUSE, DUBLIN



PROJECT DETAILS

Contractor:
Collen Construction

Architect:
Reddy Architecture

Bricks:
TBC

Details:
129 brick-facing panels.



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ATHLETE'S VILLAGE, NO. 7, STRATFORD



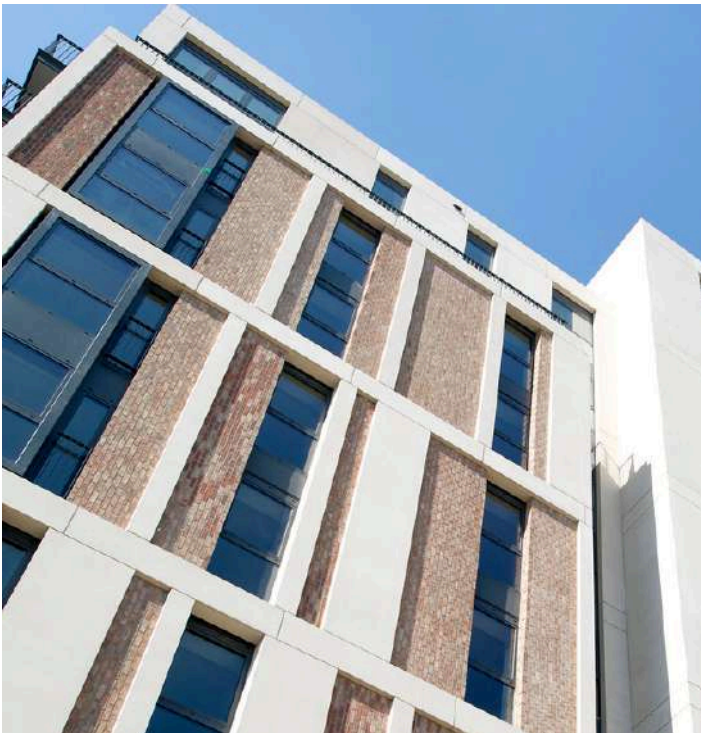
PROJECT DETAILS

Contractor:
Lendlease

Architect:
Glenn Howells & Panter
Hudspith

Bricks:
lbstock

Details:
1,438 brick-facing &
reconstructed stone panels.



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FITZROY PLACE, FITZROVIA



PROJECT DETAILS

Contractor:
Sir Robert McAlpine

Architect:
Sheppard Robson

Bricks:
Janinhof

Details:
1,187 brick-faced and natural
stone-faced panels.



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PLOUGH PLACE, HOLBORN



PROJECT DETAILS

Contractor:
Mowlem

Architect:
Hamilton & Associates

Details:
150 brick-facing &
reconstructed stone panels
with punch windows.



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JERMYN ST, WESTMINSTER



PROJECT DETAILS

Contractor:
John Sisk

Architect:
Frederick Gibberd Architects

Bricks:
Ibstock

Details:
100 brick-faced & natural
stone-faced panels.



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BARTON SQUARE, MANCHESTER



PROJECT DETAILS

Contractor:
Lendlease

Architect:
Leach Rhodes

Bricks:
Hanson

Details:
470 brick-faced &
reconstructed panels.



COLLEGELANDS, GLASGOW



PROJECT DETAILS

Contractor:
Dawn Construction

Architect:
Page Park Architects

Bricks:
Ibstock

Details:
750 brick-facing &
reconstructed stone panels.



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GRIFFITH COLLEGE, DUBLIN



PROJECT DETAILS

Contractor:
PJ Hegarty

Architect:
Aidan Powell & Associates

Details:
550 brick-facing &
reconstructed stone panels.



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DURHAM UNIVERSITY STUDENT ACCOMMODATION, BLOCK D



PROJECT DETAILS

Contractor:
PCE

Architect:
Willmore Iles Architects

Mix & Finish:
C155 B8000 LGB

Details:
626 reconstructed stone panels
in a brick look-a-like finish.



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ANGEL MEADOWS, MANCHESTER



PROJECT DETAILS

Contractor:
Westfields

Architect:
Jon Matthews

Mix & Finish:
C413 B6000 P

Details:
96 reconstructed stone panels
with a polished brick look-a-
like finish.



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HOLYROOD SOUTH, EDINBURGH



PROJECT DETAILS

Contractor:
Balfour Beatty

Architect:
Richard Murphy Architects

Mix & Finish:
C190 PT500 AE

Details:
136 reconstructed stone
panels in a brick look-a-like
finish, with punch windows.



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BENEFITS OF BRICK-FACING PANELS



Reduced Cost

Can be manufactured in large sizes; typically grid width x storey-height, impacting positively on cost & speed of enclosure, approximately 10 times less than hand-set brickwork.

Greater Lettable Area

Compared with conventional brick cavity walls, brick-faced precast concrete can offer a reduced overall cladding zone, resulting in a greater net lettable area.

Reduced Onsite Trades

Pre-casting offers the designer more scope in that anti-gravity features can be pre-moulded, negating the need for cumbersome secondary support on site.

No Site Cutting

Complex features such as brick-facing arches can be manufactured, negating the need for centres & site cutting and fitting.

No Scaffolding

High-rise buildings can benefit from having a traditional appearance without the use of scaffolding.

Reduction in Waste

Reduction in number of site movements and a tidier, safer site environment., with a reduction in waste.

Design Flexibility

Windows, doors & other features can be incorporated into brick-facing units & multiple materials & finishes can be achieved within a single panel.

Low Maintenance

Brick-facing panels can be pre-insulated & offer low maintenance & life cycle costs.

Greater Quality

Accurate, off-site manufactured components & greater quality control.

