

Brindley Place

Case Study



Double faced colonnade arches were manufactured as in two separate sections and then stitched together on a jig, holding the soffit bricks in place



Arches manufactured and stored on the yard awaiting pointing and delivery.



3 No. 12m long suspended walkways were also manufactured in sections for use in the atrium inside the building. The thickness of these units was 75mm and incorporated lighting voids.



Some 400 wetcast Portland reconstituted stone units were cast for the feature band and projecting cornice features



The main entrance featured a 6m long Portland beam and detailed padstones.



Careful detailing ensured that rainwater pipes were disguised. Joints between all Portland stone elements were 3mm and pointed to match the colour and texture of the stone.

Project:
Brindley Place
Building 7, Birmingham

Contractor:
HBG Construction

Engineer:
Cameron Taylor Bedford

Architect:
Weedon Partnership
Porphyrios Associates

Client:
Argent Properties

Product:
Westcast Reconstituted
Portland Stone
Precast Brick Faced
Arches

This 8 storey concrete framed building was skinned in ground bearing brickwork. The envelope was designed to be a rainscreen and monolithic brickwork, without movement joints, was designed to expand and contract independently to the frame.

All semicircular arches and flat gauged windows heads were designed as structural brick faced units to butt integrally into the monolithic in-situ brickwork.

While wetcast reconstituted Portland stone plinths and dressings were designed and manufactured to co-ordinate with brick dimensions.

Internally, 3 No. bridge units were manufactured in sections. Each section was designed as architectural permanent formwork. These units were installed on to temporary table forms and used as for the casting of the in-situ beam.

