

Piccadilly Warehouse Refurbishment Project NBS Specification

12 April 2021

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Cladding/Covering

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Rigid sheet cladding

H20 Rigid sheet cladding

To be read with Preliminaries/General conditions.

TYPE(S) OF SHEET CLADDING

- 150 SHEET CLADDING TO THE ROOFTOP EXTENSION UPSTAND, SKYWELL AND AOV
- Backing wall: Knauf SFS framing at nominal 600mm centres reducing to 400mm centres within 3000mm of building corners subject to the detail design being provided by Knauf.
 - Board/ Sheet:
 - Manufacturer: Knauf SFS.
Product reference: Knauf Windliner.
 - Material: Cement bonded particleboard.
 - Thickness: 12.5mm.
 - Finish/ Colour: Terracotta as manufacturers standard board detail.
 - Fasteners: Knauf Windliner Screws.
Number and location: Generally at 300mm maximum centres in accordance with manufacturers details and specification.
 - Joints:
Type/ Treatment: Knauf Windliner Tape.
Width: All joints and exposed edges to be taped in accordance with manufacturers details and specification.
 - Air gap: Not required.
 - Support system: Knauf Steel Framing System.
 - Manufacturer: Knauf SFS.
Product reference: Knauf SFS.
 - Material: Steel.
 - Fasteners: Knauf SFS framing at nominal 600mm centres reducing to 400mm centres within 3000mm of building corners subject to the detail design being provided by Knauf.
Number and location: In accordance with manufacturers details and specification.
 - Breather membrane: Not required.
 - Cavity barriers: At the head of the upstand in order to close the cavity, the Facade / Roofing Sub-contractor are to confirm the cavity barrier product and issue the associated Fire Test Documentation as part of the detailed drawing submission.
 - Thermal insulation: The depth of the Knauf SFS stud is to be filled with Knauf Omnifit insulation prior to being cladded in Knauf Windliner.
 - Vapour control layer: Not required.
 - Accessories: Air-tight seals to be provided to all fixings through the board and joints.
 - Other requirements: The Facade / Roofing Sub-contractor is to liaise with David Cooper / Adam Tempest at Knauf in respect of finalising the Knauf SFS Design for the Rooftop Extension Upstand.

150A EXTERIOR CLADDING BOARDS TO SKYWELL IN BLOOM STREET

- Manufacturer: Rockpanel.
 - Web: www.rockpanel.co.uk.
 - Email: info@rockpanel.co.uk.
 - Product reference: Rockpanel Ply Durable
- Size: 1200 x 2500 mm.
- Third party product certification: ETA-13/0019
- Panel size:
 - Length: 2500 mm or 3050 mm
 - Width: 1200 mm
- Panel thickness: 10 mm
- Edge profile: Square edge
- Finish as delivered: Primed
- Fire rating:
 - Combustibility: European fire class B-s2,d0
 - Panel external face: European fire class B-s2,d0
 - Panel internal face: European fire class B-s2,d0

GENERAL REQUIREMENTS

210 CONTROL SAMPLES

- General: Complete an area of the cladding and obtain approval of appearance before proceeding.
 - Location: To be confirmed by Main Contractor .
 - Extent of area: It will be required to be circa 3.5m long as the mock up must include 3 No. bays of the concealed top hung window, fixed glazed units, partition abutment and the vertical glass fins.

230 TIMBER BATTENS

- General: Regularized softwood free from decay, insect attack (except ambrosia beetle damage) and with no knots wider than half the width of the section.
- Preservative treatment: As section Z12 and Wood Protection Association Commodity Specification C6.
 - Type: Organic solvent.
- Moisture content at time of fixing (maximum): 19%.

240 TREATED TIMBER

- Exposed cut and drilled surfaces: Treat with two flood coats of a solution recommended for the purpose by main treatment solution manufacturer.

260 FIXING SHEETS

- General: Secure to supports without producing distortion.
- Fasteners: Evenly spaced in straight lines, in pairs across joints and sufficient distance from edge of sheet to prevent damage.

270 COVER STRIPS

- General: Form straight runs in single lengths wherever possible.
- Location and method of forming joints: Submit proposals where not detailed.