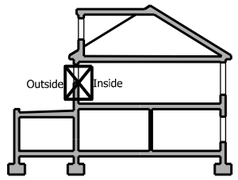
W16 External Insulation - Dot and dab

Detail performance	Units	Minimum requirement		Modelled
Airborne Sound Insulation	dB Rw+Ctr	Change of use	n/a	n/a
		New Build	n/a	
Impact Sound Insulation	dB LnTw	Change of use	n/a	n/a
		New Build	n/a	
Thermal Performance	U-value (W/m2K)	< 0.18		0.17
Fire Resistance		n/a		n/a



	Materials Description	Size	Manufacturer	Product Reference
1	Drywall adhesive dabs	12 mm	British Gypsum or acceptable equivalent	Gyproc DriWall Adhesive
2	Drywall adhesive dabs cavity	12 mm	n/a	n/a
3	Insulated plasterboard	100 mm	Kingspan or acceptable equivalent	Kingspan Kooltherm K5 External Insulation
4	Render	3 mm	British Gypsum or acceptable equivalent	Thistle BoardFinish
5	Matt paint finish	n/a	Dulux or acceptable equivalent	Dulux Trade Vinyl Matt
6				
7				
8				
9				

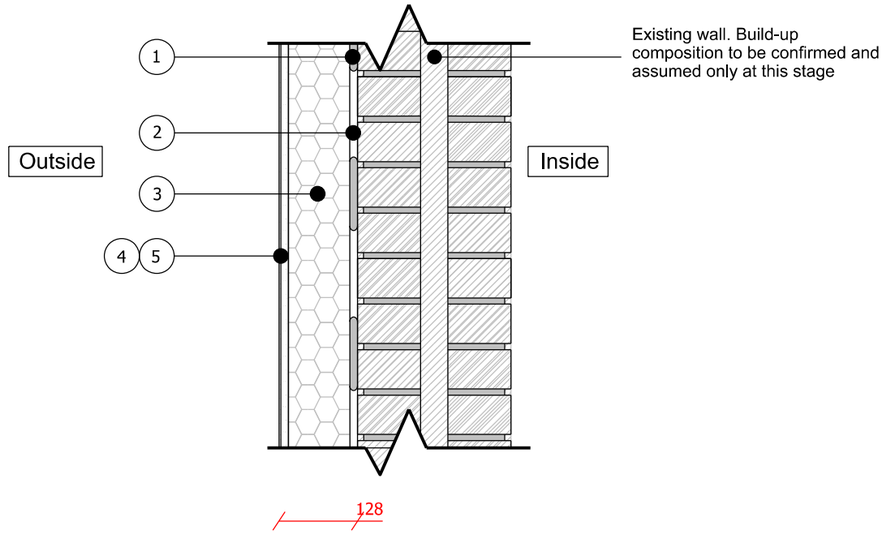
Additional Notes & Specifications

1 **Description** : Adhesive dab.
Preparation : To be installed in accordance with wall tie manufacturer's details.
Composition : Gypsum.
Sheen : n/a
Colour : n/a

3 **Description** : External insulation.
Preparation : To be installed in accordance with wall tie manufacturer's details.
Composition : Fibre free rigid phenolic insulation core with glass tissue on both sides.
Sheen : n/a
Colour : n/a

4 **Description** : Polymer render.
Preparation : Complete 1st and 2nd coat, total thickness for both coats should be a minimum of 2mm.
Final trowel to a matt finish (lubricated with minimal water).
Composition : Retarded hemihydrate, pre-mixed gypsum plaster.
Sheen : n/a
Colour : n/a

5 **Description** : Water based emulsion paint to plastered surfaces.
Preparation : Thoroughly clean down the surfaces to remove all dirt, grease and surface contaminants and allow to dry.
Composition : Acrylic copolymer.
Sheen : Matt.
Colour : Refer to the Design Drawings.



Refer to planning drawings for proposed materials and any applicable planning conditions.
Similar performance products may be used. Subject to BCO approval.
Contractor to follow manufacturer's instructions and recommendation.

W16 External insulation - dot and dab
1:10@A3

windsorpatania
architects

1. This drawing remains copyright of Windsor & Patania Architects and may not be reproduced or copied without consent in writing.

2. Print out to actual scale. Do not scale drawing use figured dimensions only. All dimensions to be cross-checked on-site by the appointed contractor prior to manufacture and construction

3. Any discrepancies between site and drawings to be reported to the Windsor & Patania Architects immediately.

4. Read in conjunction with all relevant drawings and documentation produced by other consultants

5. All structural elements to be agreed with local authority Building Control prior to commencement of works.

6. Attention is drawn to the provisions of the party wall act 1996. Legal boundaries should be determined by others.

7. All suggested demolition works to be reviewed by a Structural Engineer and to be assessed on site prior to demolition.

8. All areas are approximate and are to be used for indicative purposes only. Areas don't take into account possible variations related to the impact of Site Conditions, Structure, Drainage and M&E.

9. Windsor & Patania Architects accepts no liabilty for any expense, loss or damage of whatsoever nature and however arising from any variation made to this drawing or in the execution of the work to which relates which has not been referred to them and their approval obtained.

10. Contractors to be responsible for the design and supply of all temporary works (i.e. bracing, propping, showing, tying, etc) and the security, stability, and safety of the building works.

DRAFT-03

Architect contact details
info@windsorpatania.com
London: 020 3011 2997
Cambridge: 01223 776 997
Liverpool: 0151 665 0997

Client
MAHMOOD JESSA
39Stratford Rd, Watford WD17 4YN, UK

HMO Conversion
Project Address
82Fearnley St, Watford WD18 0RD, UK

Drawing title
CONSTRUCTION DETAIL

date
SEPTEMBER 2023

scale

drawing number
W16

sheet no.