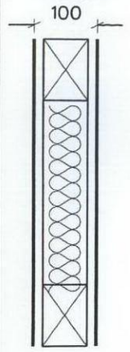
IW1

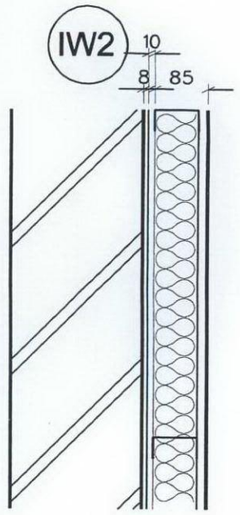


TIMBER STUD INTERNAL WALL
Min. 40 Rw 40dB Lab.tested airborne sound
Min. 30 minutes Fire Resistance

SITE TESTING REQUIRED

Skim on
1 layer 12.5mm Gyproc Fireline to room side
1 layer 12.5mm Knauf Aquapanel to tiled areas and
1 layer 12.5mm MR plasterboard BS1230 types 3 & 4 elsewhere in bathrooms / WC/ Utility Rooms
1 layer 12.5mm Gyproc Wallboard to all other locations
70 x 50mm studs at 500mm centres
with 70 x 50mm head & sole plates
with 50mm Isowool Acoustic Partition Roll* between
Noggings in bathrooms and kitchens

IW2

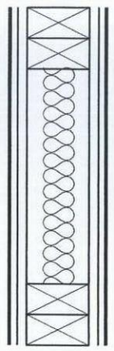


BRICKWORK & INDEPENDENT LINING
Min. 43 DnTw +Ctr dB Site Tested for Airborne Sound
60 minute Fire Resisting
Minimum U Value .30 W/m2K

SITE TESTING REQUIRED

215mm existing party wall with
8mm sand/cement render
10mm gap to stud wall of
15mm Gypsum Duraline
(use Gypsum Duraline MR in bathrooms)
& skim on
70 x 35mm C studs @ 400 centres fixed to
70 x 35mm floor & ceiling plates fixed to
the floor or ceiling NOT the party wall
with 65mm Celotex GA3065Z tight between.

IW3

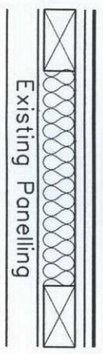


STRUCTURAL BRACED TIMBER STUD INTERNAL WALL
Min. 40 Rw 40dB Lab.tested airborne sound
Min. 60 minutes Fire Resistance

SITE TESTING REQUIRED

Carefully remove all timber panelling and retain for reuse
Remove existing lath and plaster to expose timbers
double up all existing studs and insert
50mm Isowool Acoustic Partition Roll between with
15mm WBP plywood either side screwed to studs at 200mm centres
and tied to party walls to structural engineers details
1 layer 12.5mm Gyproc Fireline either side and skim
Replace reconditioned timber panelling, peice in new panelling
only in areas agreed with the Architect.

IW4



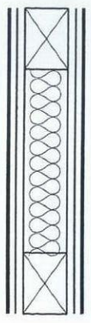
INDEPENDENT FIRE / ACOUSTIC LINING
TO EXISTING TIMBER PANELLING
Min. 60 minutes Fire Resistance

Skim on
2 layers 15mm Gyproc Soundbloc
to room side on
50 x 100mm studs at 500mm centres
with 50 x 100mm head & sole plates
with 50mm Isowool Acoustic
Partition Roll* between

Add ply between studs to suite
kitchen fixings

Retained timber panelling to stair side
to be fully refurbished and painted with
white intumescent paint

IW5

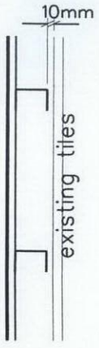


TIMBER STUD INTERNAL WALL
Min. 40 Rw 40dB Lab.tested airborne sound
Min. 60 minutes Fire Resistance

SITE TESTING REQUIRED

Skim on
2 staggered layers 12.5mm Gyproc Fireline
either side of
70 x 100mm studs at 400mm centres
with 70 x 100mm head & sole plates
with 50mm Isowool Acoustic Partition Roll* between

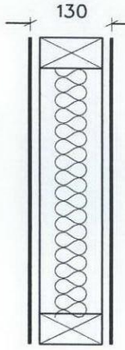
IW6



INDEPENDENT LINING

Skim on
1 layer of 12.5mm Gyproc wallboard
on 50 x 35mm MF C studs at 400mm centres
with 50 x 35mm head & sole plates with
10mm gap to existing tiles

IW7



TIMBER STUD INTERNAL WALL

Skim on
1 layer 12.5mm Knauf Aquapanel to tiled areas and
1 layer 12.5mm MR plasterboard BS1230 types 3 & 4 elsewhere in bathrooms / WC/ Utility Rooms
1 layer 12.5mm Gyproc Wallboard to all other locations
100 x 50mm studs at 500mm centres
with 100 x 50mm head & sole plates
with 50mm Isowool Acoustic Partition Roll* between
Noggings in bathrooms and kitchens

INTERNAL WALLS AND LININGS
67 GRAY'S INN ROAD
LONDON WC1X 8TL

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SCALE	1:10
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