NOTE: USE FULL PANELS WHERE POSSIBLE.
ALL PANEL CUTS SHALL BE CAREFULLY MADE TO ACHIEVE A TIGHT BUTT FIT.
ALL PANEL JOINTS MUST BE FLUSH FILLED WITH STO FOAM TAKING CARE NOT TO FILL THE CAVITY.
MECHANICALLY FIX ALL PANELS WITH STOTHERM FIXINGS AT MAXIMUM 300mm CENTRES.
PANELS TO BE SUPPORTED BY MINIMUM TWO STUDS OR BLOCKING.
VERTICAL CONTROL JOINTS ARE REQUIRED ON WALLS OVER 20 METRES LONG, SEE STO DETAILS.
HORIZONTAL CONTROL JOINTS AT INTERSTOREY JUNCTION IF UNSEASONED JOISTS USED.
HORIZONTAL DRAINED JUNCTION REQUIRED AT THIRD STOREY OR 7 METERS INCLUDING GABLES.
TIMBER FRAMING TO NZS 3604 REQUIREMENTS

WALL UNDERLAY/RAB AS SPECIFIED - ENSURE UNDERLAY RUNS CONTINUOUS OVER JOINT

STOTHERM PANEL

STOTHERM 20mm VH CAVITY BATTENS

STOTHERM RENDER SYSTEM

FLUSH FILL WITH ADHESIVE FOAM TAKING CARE NOT TO FILL CAVITY

STOTHERM PANEL FIXING

STOTHERM PANEL

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TIMBER FRAMING TO NZS 3604 REQUIREMENTS

WALL UNDERLAY/RAB AS SPECIFIED

FLUSH FILL WITH ADHESIVE FOAM TAKING CARE NOT TO FILL CAVITY

STOTHERM PANEL FIXING

BLOCKING/DWANGS

STOTHERM RENDER SYSTEM

STOTHERM PANEL

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NOTE:
ENSURE STOTHERM PANELS ARE SUPPORTED BY A MIN. OF 2/STUDS. VERTICAL CONTROL JOINTS ARE REQUIRED AT 20 LINEAL METRES MAX. OR AT ENGINEERED FRAMING EXPANSION JOINTS and at DISSIMILAR MATERIAL JUNCTIONS. SET STO CONTROL JOINT AND REMOVE TAB CAREFULLY AS SOON AS THE JOINT IS SET TO AVOID CRACKS

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DRY or SEASONED TIMBER 
FRAMING TO NZS 3604 OR 
PROPRIETARY FLOOR 
JOISTS

NOTE: SEASONED (dry) TIMBER OR PROPRIETARY FLOOR JOIST DETAIL

NOTE: INTERSTOREY CONTROL JOINT NOT REQUIRED ON SEASONED TIMBER OR PROPRIETARY FLOOR JOISTS, CONTINUOUS CAVITY CONSTRUCTION IS LIMITED TO TWO STORIES OR 7 METRES BEFORE A DRAINED CAVITY JUNCTION IS REQUIRED

STOTHERM PANEL FIXING

STOTHERM 20mm VH CAVITY BATTENS

STOTHERM RENDER SYSTEM

WALL UNDERLAY/RAB - ENSURE UNDERLAY RUNS CONTINUOUS OVER JOINT

STOTHERM PANEL FIXING

STOTHERM 20mm VH CAVITY BATTENS

STOTHERM PANEL

STOTHERM RENDER SYSTEM

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A: INTERSTOREY PANEL JOINT CENTRED 1/3 WAY DOWN FROM TOP OF THE JOIST.
15mm GAP BETWEEN CAVITY BATTENS

NOTE: UNSEASONED TIMBER FLOOR JOIST DETAIL.
NOTE: INTERSTOREY CONTROL JOINT NOT REQUIRED ON SEASONED TIMBER OR PROPRIETARY FLOOR JOISTS. CAVITY CONSTRUCTION LIMITED TO TWO STORIES OR 7 METERS, BEFORE A DRAINED INTERSTOREY JUNCTION IS REQUIRED.

STOTHERM PANEL FIXING
STOTHERM 20mm VH CAVITY BATTENS
STOTHERM PANEL
STOTHERM RENDER SYSTEM
WALL UNDERLAY/RAB - ENSURE UNDERLAY RUNS CONTINUOUS OVER JOINT
IN MESH COAT INSTALL STO uPVC 12mm CONTROL JOINT WITH MS SEALANT
STOTHERM 20mm VH CAVITY BATTENS
STOTHERM PANEL
STOTHERM RENDER SYSTEM
STOTHERM PANEL FIXING

STOTHERM INSULATED FACADE SYSTEM
HORIZONTAL INTER-STOREY CONTROL JOINT

ST 307
2017

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1. As required to limit continuous cavity construction to two storeys or max. 7 meters. Flashing back and front cover to be a minimum 35mm excluding drip edges.

2. In extra high wind zone increase flashing cover to 60mm min. and use a rigid air barrier.

If non-hemmed flashing used, increase upstand height by 25mm.
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