NOTE: INSTALL FLASHING TAPE WITH 100mm CLEARANCE AROUND PIPE INTO WALL UNDERLAY AND WRAP 25mm AROUND PIPE.

WHERE MIN 75mm BLOCKING SUPPORTS THE WALL UNDERLAY AROUND THE PENETRATION THE FLASHING TAPE CAN BE OMITTED BUT A FACE FIXED EXTERIOR FLANGE WITH SEALANT IS REQUIRED AS PER E2AS1 FIG.68
50 x 3mm EPDM WASHER GASKETS REQUIRED AROUND FIXINGS AND PLATE TO PROVIDE WATERTIGHTNESS

TIMBER BLOCKING BETWEEN STUDS AS REQUIRED

TIMBER PACKER SLOPED AT 5° 50mm min CLEARANCE FROM CAVITY BATTENS

ALL WIRING SHOULD BE ENCLOSED IN CONDUIT

50 x 3mm EPDM WASHER GASKETS REQUIRED AROUND FIXINGS AND PLATE TO PROVIDE WATERTIGHTNESS

WALL UNDERLAY/RAB

STOTHERM 20mm VH CAVITY BATTEN

STOTHERM PANEL

STOTHERM RENDER SYSTEM

NOTE: STO QUADER BLOCK IS A HIGH DENSITY NON COMPRESIBLE EPS POLY BLOCK WITH 4x28mm PLYWOOD INSERTS. FACING FRAMING SIZE 645x145x60/FOUR SECTIONS PER BLOCK, USE A FIXING PLATE TO AVOID POINT LOADS

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WALL UNDERLAY
STOTHERM 20mm VH
CAVITY BATTENS
STOTHERM PANEL
STOTHERM PLASTER
SYSTEM
STO QUADER
BLOCK FIXING
ADHESIVE GLUE AROUND
PERIMETER OF STO QUADER
BLOCKING TO STOTHERM PANEL
MS SEALANT
AROUND PIPE
TAP FITTING ON EPDM
RUBBER WASHER

NOTE: STO QUADER BLOCK IS A HIGH DENSITY NON COMPRESIBLE EPS POLY BLOCK
WITH 4x28mm PLYWOOD INSERTS. FACING FRAMING SIZE 645x145x60/FOUR SECTIONS
PER BLOCK, USE A FIXING PLATE TO AVOID POINT LOADS

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**NOTE:** STO QUADER BLOCK IS A HIGH DENSITY NON COMPRESIBLE EPS POLY BLOCK WITH 4x28mm PLYWOOD INSERTS. FACING FRAMING SIZE 645x645x145x60/FOUR SECTIONS PER BLOCK, USE A FIXING PLATE TO AVOID POINT LOADS.

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POLY WEDGE OR BATTEN
FULL WIDTH OF METER BOX
AT min. 10° SLOPE WITH
FLASHING TAPE OVER.
EXTEND WEDGE 100mm
PAST SIDE OF METER BOX

LEAVE min. 50mm GAP IN CAVITY
BATTEN FOR DRAINAGE

FLEXIBLE FLASHING TAPE 50mm
OUT OVER THE METERBOX
PERIMETER ALL AROUND AND
100mm ONTO UNDERLAY

STOTHERM 20mm VH CAVITY
BATTENS TO BE 8mm FROM
SIDES OF METERBOX

STOTHERM uPVC END CAP
STO JOINT SEAL TAPE
OR PEF ROD
MS SEALANT

STOTHERM uPVC END CAP
STO JOINT SEAL TAPE
TAPE OR PEF ROD

APPLY 6mm BEAD OF MS SEALANT
OVER STO JOINT SEAL TAPE TO
TOP, SIDES AND BOTTOM

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1. DOWNPIPE/CLIP - SADDLE DETAIL

STOTHERM RENDER SYSTEM
STOTHERM 20mm VH CAVITY BATTENS
STOTHERM PANEL
DOWNPIPE/CLIP - SADDLE @ 1.2M CRS MAX FIXED INTO STO SPIRAL FIXING

2. WIRING PENETRATION DETAIL
NOTE: ENSURE THE NUMBER OF PENETRATIONS THROUGH THE SYSTEM IS KEPT TO A MINIMUM. THE WEATHER SEALING OF ALL WIRING, ETC AS SHOWN, IS THE RESPONSIBILITY OF THE APPLICABLE TRADE

STOTHERM RENDER SYSTEM
STOTHERM 20mm VH CAVITY BATTENS
TIMBER FRAMING TO NZS3604
CABLE/WIRING
MS SEALANT ALL AROUND
PVC CONDUIT SLEEVE INSTALLED AT 5 DEGREES DOWNWARD SLOPE

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NOTE:
LEAVE 40mm DRAINAGE GAP IN SEALANT AT BOTTOM OF FAN COVER.
INSTALL FLASHING TAPE 100mm AROUND PIPE ONTO WALL UNDERLAY AND WRAP
25mm ROUND PIPE.
FOR FLEXIBLE PIPES, TAPE PIPE TO FAN COVER, APPLY STO JOINT SEAL, TAPE
AROUND TAPE BEFORE PLACING IN HOLE. ALWAYS FINISH RENDER BEFORE
INSTALLING FAN COVER.
A: INTERSTOREY PANEL JOINT CENTRED 1/3 WAY DOWN FROM TOP OF JOIST

NOTE:
1. VERTICAL CAVITY BATTENS ARE INSTALLED WITH A 15mm GAP AT INTER-STOREY JOINT
2. INSTALL STO uPVC 12mm CONTROL JOINT
3. ONLY SUITABLE FOR 2 STOREY - REFER DRAWING SHEET ST 359 FOR THIRD STOREY
4. ENSURE THERE ARE NO FIXINGS INTO FLOOR JOIST

STOTHERM 20mm VH CAVITY BATTEN
STOTHERM PANEL
STOTHERM RENDER SYSTEM

WALL UNDERLAY - ENSURE UNDERLAY RUNS CONTINUOUS OVER JOINT

STOTHERM INSULATED FACADE SYSTEM
INTER-STOREY JUNCTION WITH POLY PROFILE

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

2. In extra high wind zones increase flashing cover to 60mm and use a rigid underlay.

WALL UNDERLAY - ENSURE UNDERLAY RUNS CONTINUOUS OVER JOINT

ADDITIONAL WALL UNDERLAY DRESSED OVER FLASHING

DRY OR SEASONED TIMBER OR PROPRIETARY FLOOR JOISTS

STOTHERM RENDER MESHED BASECOAT BEHIND PROFILE STOTHERM RENDER SYSTEM

ATTACH WITH EPS SUITABLE ADHESIVE - TOPSIDE ONLY

PREMESHED ARCHITECTURAL PROFILE min.10°FALL

STOTHERM PANEL

STOTHERM 20mm VH DRAINED CAVITY STOTHERM PANEL

INTER-STOREY FLASHING 15°MIN.SLOPE AND 5mm MIN.GAP

STO VENTED BASE CAP

STO VENTED BASE CAP

STOTHERM MESHED BASECOAT BEHIND PROFILE STOTHERM RENDER SYSTEM

STOTHERM 20mm VH DRAINED CAVITY STOTHERM PANEL

STOTHERM 20mm VH DRAINED CAVITY STOTHERM PANEL

STOTHERM INSULATED FACADE SYSTEM

JOINT AT THIRD STOREY WITH POLY PROFILE

ST 359

2017

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