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STOTHERM SYSTEM

STOTHERM INSULATED FACADE SYSTEM

SS105 STOTHERM STOMIRAL RENDER SYSTEM

SCALE 1:20

TIMBER FRAMING TO NZS 3604

WALL UNDERLAY MEETING REQUIREMENTS E2/AS1

STOTHERM 20mm VH CAVITY BATTENS

STOTHERM STOMIRAL RENDER SYSTEM - SS105

SELECTED STOTHERM PANEL

BASECOAT: STOLEVELL NOVO, STOLEVELL UNI or MULTISCREED PLUS: STO EUROPEAN MESH SEALED WITH STOPLEX W PRIMER

FINISHING RENDER: STOLIT K & MP RANGE

COATING/STOCOLOR:
  : MAXICRYL MATT FACADE PAINT
  : LASTIC SATIN PAINT
  : LOTUSAN MINERAL RESIN PAINT

CONCRETE FOUNDATION AS PER NZS3604 OR SPECIFIC ENGINEERING REQUIREMENTS

STO uPVC ADJUSTABLE FOOT TRAY - incl.base/extension/base
NOTE: SHEET JOINTS AROUND OPENINGS ARE GLUED or FOAM FUSED FOR STABILITY

NOTE: CAVITY SYSTEM IS A VENTED DRAINAGE SYSTEM. FIX STO uPVC FOOT TRAY BEFORE BATTENS.

**FIXINGS IN WIND ZONES**

LOW, MEDIUM & HIGH
Studs 300mm fixing ctrs top & bottom plates and dwangs. One fixing between studs

VERY HIGH
Studs, plates and dwangs 200mm fixing ctrs

EXTRA HIGH
Studs, plates and dwangs 150mm fixing ctrs

WHERE STUD SPACINGS ARE GREATER THAN 450mm
CTRS FIX ADDITIONAL INTERMEDIATE BATTEN TO PREVENT INSULATION ENCROACHING INTO CAVITY SPACE

NO INTER-STOREY JOINT REQUIRED AT 2nd LEVEL

VERTICAL CONTROL JOINTS REQUIRED FOR WALLS OVER 20 METERS

STOTHERM 20mm VH FIXED OVER FRAME & BUILDING UNDERLAY

REFER TO WIND ZONES FOR REQUIRED HORIZONTAL SPACERS 100mm LONG - MUST BE SET TO A FALL 5° MIN.

STOTHERM EPS SHEET & FIXING LAYOUT - TYPICAL (Elevation)
STOTHERM INSULATED FACADE SYSTEM

STOTHERM PANEL LAYOUT

NOTE: USE FULL SHEETS WHERE POSSIBLE ALL CUT SHEETS SHALL BE CAREFULLY MADE TO ACHIEVE A GOOD FIT. ALL SHEET JOINTS SHOULD BE FLUSHED FILLED WITH STO ADHESIVE FOAM - TAKING CARE NOT TO FILL CAVITY

STOTHERM SYSTEM

ST 103

2017

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