1. INSTALL METAL SADDLE FLASHING AT WALL JUNCTION
2. ENSURE TOP IS TEMPORARILY WATERPROOFED BEFORE COMMENCING RENDERING
3. METAL CAPPING EXCLUDING DRIP EDGE MUST OVERLAP SHEET BY
   50mm MIN.IN LOW, MED or HIGH WIND ZONE,
   70mm MIN.IN VERY HIGH,
   90mm MIN.IN EXTRA HIGH WIND ZONES
NOTE:
STO FLEXYL MESHEMED WATERPROOFING MEMBRANE HAS BEEN TESTED BY BRANZ TO MEET THE REQUIREMENTS OF AS/NZS4858 AS REQUIRED BY E2/AS1

EXTRA HIGH WIND ZONES REQUIRE A RIGID UNDERLAY. WITH FLASHING TAPED TO RIGID UNDERLAY
The information contained on this page is based on our experience and research at the date of issue. The detail is for use by Registered Architects, Licensed Designers or Chartered Engineers to assist in developing project details using Sto Systems. Stoanz Ltd reserve the right to alter or update information at any time without prior notice and it is the responsibility of the designer, project manager or Sto contractor to insure they have and use the current Sto details and specifications on site.
WALL UNDERLAY
WALL FRAMING

FLEXIBLE FLASHING TAPE DRESSED UP AND SECURELY ADHERED TO WALL UNDERLAY AT REAR OF CAVITY
CONTINUE FLASHING TAPE OR ROOF UNDERLAY OVER H3.1 CAPPING PLATE
15mm H3 PLYWOOD CAP PLATE
5° FALL

H3.1 SLOPED SPACER

DRAIN FORMED IN CORNER
CAVITY BATTENS

NOTE:
E2/AS1 COMPLIANT BACK FLASHING REQUIRED ON TOP OF BATTENS IN CORNER TO COVER PANEL JOINT. SEE DETAIL 502
A. SADDLE FLASHING

B. PARAPET CAP

PARAPETS MUST BE OFFSET FROM WALLS RUNNING PARALLEL TO PARAPET WALL TO ALLOW FOR INTERNAL CORNER BACK FLASHINGS.

STOTHERM CLADDING SYSTEM

WALL UNDERLAY

STOTHERM 20mm VH CAVITY BATTENS

PLACE CAP FLASHING OVER SADDLE FLASHING - REFER TO E2/AS1 FIGURE 12 FOR CAP FIXING DETAILS.

H3.1 CAPPING PLATE CUT TO A FALL WITH FLASHING TAPE OR ROOFING UNDERLAY

INTERNAL CLADDING BACK FLASHING UNDER CLADDING

NOTE: SADDLE FLASHING INSTALLED OVER CLADDING. WITH BACK FLASHINGS REQUIRED ON TOP OF CAVITY BATTENS TO INTERNAL CORNERS UNDER CLADDING. CAP FLASHING JOINS INSTALLED OVER SOAKER FLASHINGS WITH MINIMUM 50mm OVER LAP BOTH SIDES WITH 5mm GAP AND 6mm SEALANT BEADS UNDER FLASHING OR 100mm OVERLAPPED JOINTS RIVETED THROUGH SEALANT. REFER FIG. 9 E2/AS1

The information contained on this page is based on our experience and research at the date of issue. The detail is for use by Registered Architects, Licensed Designers or Chartered Engineers to assist in developing project details using Sto Systems. Stoanze Ltd reserve the right to alter or update information at any time without prior notice and it is the responsibility of the designer, project manager or Sto contractor to insure they have and use the current Sto details and specifications on site.
NOTE:
APPLY STOFLEXYL MESHED WATERPROOFING OVER BASECOAT RENDER.
STOFLEXYL MESHED WATERPROOFING HAS BEEN TESTED BY BRANZ TO MEET THE REQUIREMENTS OF AS/NZS4858 FOR A WATERPROOFING MEMBRANE AS REQUIRED BY E2/AS1
NOTE:
APPLY STOFLEXYL MESHER WATERPROOFING OVER BASECOAT RENDER
STOFLEXYL MESHER WATERPROOFING HAS BEEN TESTED BY BRANZ TO MEET THE REQUIREMENTS OF AS/NZS4858 FOR A WATERPROOFING MEMBRANE AS REQUIRED BY E2/AS1

OVERLAY OF STOFLEXYL MEMBRANE UNDER MESH COAT TO TOP & SIDES 100mm MIN. DOWNTURN OVER BASE COAT

E2/AS1 REQUIRES BALCONY & PARAPET WALLS TO BE OFFSET FROM MAIN WALL PLANE TO ALLOW FOR SADDLE FLASHINGS

STOTHERM CAP AT 10° OVERSEATS WALLS, GLUE TO H3.1 PLYWOOD OVER TOP PLATE/CAVITY

The information contained on this page is based on our experience and research at the date of issue. The detail is for use by Registered Architects, Licensed Designers or Chartered Engineers to assist in developing project details using Sto Systems. StoanZ Ltd reserve the right to alter or update information at any time without prior notice and it is the responsibility of the designer, project manager or Sto contractor to insure they have and use the current Sto details and specifications on site.
STOTHERM PANEL
STOTHERM RENDER SYSTEM

10° MIN.FALL TO TOP OF PARAPET
H3 PLYWOOD
STOTHERM 20mm VH CAVITY BATTEN WALL UNDERLAY CONTINUOUS OVER TOP OF WALL FRAME 20mm DRAINED CAVITY

STOTHERM PANEL
STOTHERM RENDER SYSTEM

DRESS WALL UNDERLAY OVER MEMBRANE AND BASE CAP

STO PREMESHEd PVC ADJUSTABLE CORNER ANGLES IN STO ARMAT CLASSIC COAT

OVERLAY OF STO FLEXYL MEMBRANE UNDER MESH COAT TO TOP & SIDES, 100mm MIN.DOWNTURN OVER BASE COAT

20mm DRAINED CAVITY

NOTE:
HANDRAIL REQUIRED WHERE BALUSTRADE IS UNDER 1000mm
ALLOW EXTRA CLADDING CLEARENCE TO DECK AND INCREASE MEMBRANE UPSTAND WHERE TILING ANTICIPATED

STOTHERM INSULATED FACADE SYSTEM
BALUSTRADE/ENCLOSED DECK DETAIL
ST 507
2017

The information contained on this page is based on our experience and research at the date of issue. The detail is for use by Registered Architects, Licensed Designers or Chartered Engineers to assist in developing project details using Sto Systems. Stoanz Ltd reserve the right to alter or update information at any time without prior notice and it is the responsibility of the designer, project manager or Sto contractor to insure they have and use the current Sto details and specifications on site.
NOTE:
- 100mm MIN. FROM FLOOR LEVEL FOR ENCLOSED DECKS
- MIN.FALLS: 1:40 FOR DECKS, 1:30 FOR ROOFS & 1:100 FOR GUTTERS
- ALLOW FOR TILES IF REQUIRED
- MAINTAIN CLEARANCES AND UPSTANDS FOR TILES

STOTHERM PANEL
STOTHERM RENDER SYSTEM
FULLY SUPPORTED MEMBRANE TO RUN UP 150mm MIN.ABOVE DECK LEVEL
STOTHERM PANEL FIXING
MEMBRANE REINFORCING STRIP
VENTED CAVITY BASE CLOSER
STO uPVC ADJUSTABLE FOOT TRAY

SELECTED MEMBRANE FINISH OVER H3 "C"
GRADE FACED PLYWOOD LAID TO 1:40
MIN.FALL. GLUE & SCREW TO TIMBER JOISTS, ALL EDGES SUPPORTED ON TIMBER
20mm MIN. ANGLE FILLET
35mm MIN. AT HIGHEST POINT OF DECK/ROOF AT 10mm DRIP EDGE

STOTHERM INSULATED FACADE SYSTEM
ENCLOSED DECK DETAIL

ST 508
2017

The information contained on this page is based on our experience and research at the date of issue. The detail is for use by Registered Architects, Licensed Designers or Chartered Engineers to assist in developing project details using Sto Systems. Stoanż Ltd reserve the right to alter or update information at any time without prior notice and it is the responsibility of the designer, project manager or Sto contractor to insure they have and use the current Sto details and specifications on site.
NOTE:
REFER E2/AS1 Fig.16 FOR FLASHING REQUIREMENTS. PROVIDE 6-8mm WIDE SEALANT JOINT AT CLADDING/SADDLE FLASHING JUNCTION.

50mm MIN. SET DOWN FROM FLOOR OR THRESHOLD FOR CANTILEVERED SLATTED DECKS
The information contained on this page is based on our experience and research at the date of issue. The detail is for use by Registered Architects, Licensed Designers or Chartered Engineers to assist in developing project details using Sto Systems. Stoanz Ltd reserve the right to alter or update information at any time without prior notice and it is the responsibility of the designer, project manager or Sto contractor to insure they have and use the current Sto details and specifications on site.
NOTE: ‘L’ BRACKET ENGINEERED FOR LOAD. FLASHING TAPE TO BUILDING UNDERLAY IN ACCORDANCE WITH E2/AS1 FIG. 68
NOTE: INSTALL FLASHING TAPE OVER BRACKET ONTO BUILDING UNDERLAY AS PER E2/AS1 fig 68, ALSO REFER TO DETAIL 510

MANUFACTURED GALVANIZED STEEL ‘H’ OR ‘U’ BRACKET FOR PARALLEL JOISTS OR USE ‘L’ BRACKET FOR RIGHT ANGLE CONNECTIONS

INSTALL DECK JOIST AFTER CLADDING IS FINISH RENDERED
40mm GAP RECOMMENDED FOR FIXINGS AND RENDERING

STOTHERM INSULATED FACADE SYSTEM
PARALLEL DECK JOIST BRACKET

ST 512
2017
EPDM WASHERS REQUIRED AROUND FIXINGS AND PLATE TO PROVIDE WATERTIGHTNESS

RWH HEAD FIXED DIRECTLY ABOVE & BELOW SCUPPER PENETRATION

STOLEX W SEALER & MS SEALANT AROUND OPENING/RHW

PRE FINISHED 0.55MM BMT STEEL CUSTOM FOLDED AND RIVETED RAIN WATER HEAD

MEMBRANE DRESSED OVER 50x50mm ALU. ANGLE REBATED INTO SUBSTRATE

LEAF SCREEN TO OVERFLOW. AREA OF OVERFLOW TO BE 1.5 X CROSS SECTION OF DOWNPIPE AREA. OVERFLOW BELOW OPENING LEVEL

LINE OF MEMBRANE LAPPED 150mm ABOVE DECK

LINE OF UNDERLAY

OUTLET THROUGH WALL

SELECTED MEMBRANE FINISH OVER H3 "C" FACED PLYWOOD LAID TO 1:60MIN.FALL. GLUE & SCREW TO TIMBER JOISTS, ALL EDGES SUPPORTED ON TIMBER

STOTHERM SYSTEM

STOTHERM INSULATED FACADE SYSTEM

RWH/SCUPPER OPENING

ST 513

2017

The information contained on this page is based on our experience and research at the date of issue. The detail is for use by Registered Architects, Licensed Designers or Chartered Engineers to assist in developing project details using Sto Systems. Stoanz Ltd reserve the right to alter or update information at any time without prior notice and it is the responsibility of the designer, project manager or Sto contractor to insure they have and use the current Sto details and specifications on site.