DYNEX PALLISIDE®

STEEL FRAME CONFIGURATION TABLE

PALLISIDE CONFIGURATION	PALLISIDE WEATHERBOARDS DIRECT FIXED TO STEEL FRAME	PALLISIDE WEATHERBOARDS INSTALLED OVER CAVITY TO STEEL FRAME WHERE THE CAVITY BATTEN HAS AN R VALUE OF <R0.25	PALLISIDE WEATHERBOARDS INSTALLED OVER CAVITY TO STEEL FRAME WHERE THE CAVITY BATTEN HAS AN R VALUE OF ≥R0.25
REQUIREMENT	Palliside must be fixed to steel frame over a thermal break	Palliside must be fixed to steel frame over a cavity batten and a thermal break	Palliside fixed over a cavity batten which contains an R value of ≥R0.25 and a horizontally fixed thermal break that does not block off the cavity ventilation and drainage
FRAMING	Steel Framing in accordance with NASH3405 and specific design to meet requirements of NZBC	Steel Framing in accordance with NASH3405 and specific design to meet requirements of NZBC	Steel Framing in accordance with NASH3405 and specific design to meet requirements of NZBC
THERMAL BREAK - VERTICAL FRAMING MEMBERS	A thermal break in accordance with NZBC Acceptable Solution E3/AS1 with a minimum R-value of ≥R0.25 must be installed to each framing member	A thermal break in accordance with NZBC Acceptable Solution E3/AS1 with a minimum R-value of ≥R0.25 must be fixed to each framing member	Not required as the cavity batten has the required R value of ≥R0.25 and can double as the thermal break.
THERMAL BREAK - HORIZONTAL FRAMING MEMBERS	As per vertical fixing	As per vertical fixing	A thermal break in accordance with NZBC Acceptable Solution E3/AS1 with an R-value of ≥R0.25 must be fixed to each horizontal framing member. This must have a structure that allows for drainage and ventilation of the cavity (i.e. has passed an E2/VM1 test or has a maximum depth of 12 mm)
BUILDING UNDERLAY MEETING REQUIREMENTS OF NZBC ACCEPTABLE SOLUTION E2/AS1, TABLE 23	A building underlay meeting requirements of NZBC Acceptable Solution E2/AS1, Table 23 with an absorbency of ≥100g/m² in accordance with AS/NZ4201 Part 6 must be installed behind the cladding over the thermal break.	A building underlay meeting requirements of NZBC Acceptable Solution E2/AS1, Table 23, must be installed between the thermal break and cavity batten.	A building underlay meeting requirements of NZBC Acceptable Solution E2/AS1, Table 23 must be installed directly to the framing, behind the cavity batten
CAVITY BATTENS	N/A	Must meet durability requirements of B2/AS1 and be minimum 45mm wide with 20mm nominal thickness (18mm minimum). Installed over the thermal break	Must meet durability requirements of B2/AS1 and be minimum 45mm wide with 20mm nominal thickness (18mm min mum).
FIXINGS	Class 4, self-drilling, 8-gauge, countersunk, square drive screw (or equivalent). The length of the screw must allow for a minimum 10mm penetration through the framing	Class 4, self-drilling, 8-gauge, countersunk, square drive screw (or equivalent). The length of the screw must allow for a minimum 10mm penetration through the framing	Class 4, self-drilling, 8-gauge, countersunk, square drive screw (or equivalent). The length of the screw must allow for a minimum 10mm penetration through the framing