

Spill Out Valley Design

Spill out valleys are commonly used for dormer design, and where roof planes intersect and terminate at split levels. While generally outside the scope of E2/AS1, spill out valleys are assessed as an Alternative Solution as a pathway to compliance.

Gerard's spill out valley design (see *Figure 1*) aligns with the New Zealand Metal Roofing Manufacturers (NZMRM) Code of Practice (COP) section 9.4.3B (see *Figure 2*) for installing valleys in long run roofing. This alignment ensures compliance with the weathertightness requirements of NZBC E2.

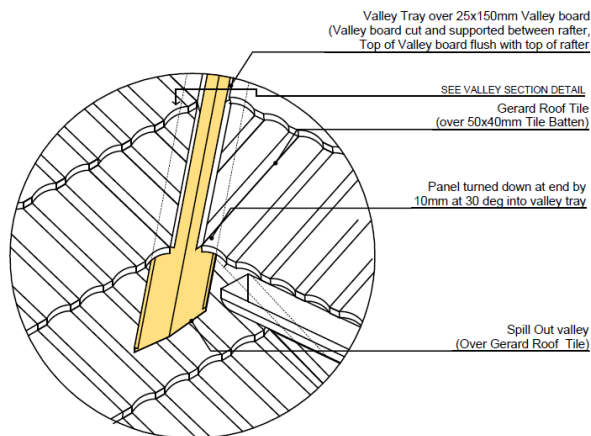


Figure 1: Gerard spill out valley detail

9.4.3B Gable Dormer Valley: Corrugate

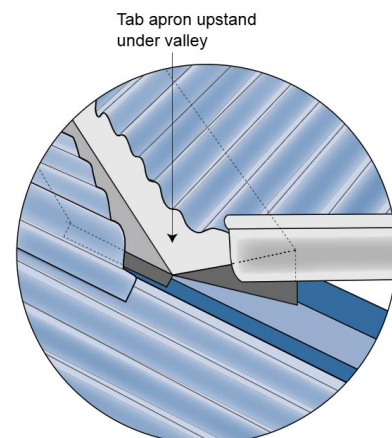


Figure 2: NZMRM COP 9.4.3B spill out valley detail as at May 2026