

Explanation of Rational Design

- RD1** Rational Design in respect of masonry walls, reinforced concrete roofs & floor slabs, retaining walls, beams and columns; reinforced masonry retaining walls, beams & columns; isolated timber or steel beams & columns; timber frames, timber trusses and steel roof trusses
- RD2** Foundation designs for homes of masonry construction designed in accordance with the SAICE/I.Struct.E Code of Practice for Foundations and Superstructures of Single Storey Residential Buildings of Masonry Construction
- RD3** Foundation designs for homes with foundations other than RD2 above or not founded on Class P (Dolomites/Limestone - D3) Sites
- RD4** Design in respect of non-standardised construction systems or elements, which do not have an Agrément Board Certificate
- RD5** Nail-plated timber roof trusses
- RD6** Timber buildings
- RD7** Design in respect of non-standardised drainage construction, which does not have an Agrément Board Certificate
- RD9** Stormwater and Drainage installation in interconnected complexes
- RD10** Fire
- RD11** Glazing
- RD12** Basements/semi-basements
- RD13** Design of septic tanks below permanent or perched water tables; design of unlined VIP toilets
- F3** Placement of fills
- F4** Assess risk associated with areas underlain by dolomites and limestones
- F5** Mandatory precautions on sites underlain by dolomites/limestones on fully serviced sites
- F6** Removal of trees within building perimeter
- F7** Drainage in waterlogged areas
- F8** Departures from the provisions of Part 3 (Construction Standards)