

Recommended Qualification Structure For Level 2 RQF / Level 5 SCQF in Waterproof Membrane Roofing Systems (Construction)

This structure has been recommended by employers and stakeholders from the above occupational area for organisations to form the basis of academic capability and competence outcomes. Qualifications with a competence outcome at the above level must have units derived from the following National Occupational Standards (NOS) and consist of the mandatory/optional groups as stated for the individual option route.

MANDATORY (all option routes)

- VR641 v2 Conform to general workplace health, safety and welfare
- VR642 v1 Conform to productive work practices
- VR643 v1 Move, handle or store resources
- VR685 v2 Preparing surfaces for membrane roofing systems
- VR686 v2 Repairing membrane roofing systems

PLUS ONE OF THE FOLLOWING OPTIONAL ROUTES

Option 1 – Reinforced Bitumen Membrane Roofing Option Route (Total 6)

Mandatory

- VR107 v4 Apply reinforced bitumen membrane systems

Option 2 – Single Ply Membrane Roofing Option Route (Total 6)

Mandatory

- VR110 v3 Apply single ply membrane roofing systems

Option 3 – Liquid Applied Membrane Roofing Option Route (Total 6)

Mandatory

- VR113 v3 Apply liquid membrane systems

Additional Units (not compulsory)

- VR93 v3 Install decking for flat roof coverings
- VR148 v3 Install support systems for green roofs
- VR298 v2 Install solar collectors to roofs

Unit endorsements for Accessing Operations and Rigging Level 2

Where industry requests; qualifications can be endorsed to show an option route and the type of resources and/or activities that relate to the unit. Listed below are the endorsements that can apply for units derived from the following NOS.

NOS	Endorsement
VR107	One of the following: Pour and roll, torch on, flame free, cold applied, Self-adhesive, hot melt
VR110	Two of the following: adhered, ballasted, mechanically fixed
VR148	Four of the following: root/rhizome resistant layer, protection layer, irrigation system, drainage system, filter layer, substrate
VR298	One of the following: integrated photo voltaic; mounted photo voltaic, integrated solar thermal, mounted solar thermal
VR685	Use and maintain one of the following: LPG gas torch, hot air gun, electronic torch. One of the following membrane roofing systems: reinforced bitumen, single ply, liquid applied
VR686	One of the following: <ul style="list-style-type: none"> • damaged membranes • edges and upstands, • penetrations, pipes and vents • perimeters, rainwater outlets

Note: Where industry requests an Awarding Organisation to further endorse a unit, the Awarding Organisation must first seek approval from the Standards Setting Body to ensure the endorsement is appropriate to the unit.