





3 A111 CORRIDOR ROOF & NORTH VERANDAH ROOF

## **General Fire Engineering Requirements:**

• Stages 1 to 3 are to comply with the NCC 2022 DtS Provisions except where varied as part of these proposed Performance Solutions;

• Stages 1 to 3 shall comply with the construction requirements for the various BAL ratings applicable to the buildings, except where varied as part of the proposed Performance Solutions;

• All new elements within or part of the external walls and the roof shall be fully non-combustible, including the insulation and all other components incorporated within. The exception being when replacing existing or missing timber elements with new timber;

• Sarking shall be non-combustible or achieve a flammability index of no more than 5;

• Any exposed part of the external wall that is less than 400 mm from the ground or a roof covering, shall either be noncombustible or clad in a material that is non-combustible, FC sheeting or bushfire resistant timber;

• Any gaps, joints or vents within the external wall or roof shall be covered or sealed to prevent gaps greater than 3 mm;

• Windows shall be tempered glazing at least 5 mm thick. Any operable portions shall be screened using a steel or aluminium mesh screen with a maximum aperture size of 3 mm. Frames shall be either metal or bushfire resistant timber;

• External doors shall be either solid timber at least 35 mm thick or tempered glazing at least 5 mm thick;

• Any doorways bounding the shelter areas shall be protected with perimeter Medium temperature smoke seals;

• Any external mouldings, eave linings and fascias may be of timber construction. When this timber is replaced with new timber, it shall be made from bushfire resistant timber.



# Mooroopna College -Stage 1 & 2

Address

### 4-6 McLennan Street MOOROOPNA VIC 3629

#### Client Mooroopna College

