

MT-LVL SUBSTITUTION

This certification relates to the range of MT-LVLs supplied through Meyer Timber which are identified by the product names MT-LVL E12, MT-LVL E13, MT-LVL E14 and MT-LVL E15.

The properties of these MT-LVLs have been determined using test methods from AS/NZS 4357 and statistical analysis in accordance with AS/NZS 4063. The characteristic values, which are suitable for design in accordance with AS1720.1 and AS1720.3 were then compared with the corresponding properties for comparable timbers as listed below in Table 1.

Based on this testing and evaluation of characteristic values, I can confirm that a suitable MT-LVL as specified in Table 1 can be used where a generic timber is specified for the same cross sectional dimensions.

This certification relates to the design, specification and installation of MT-LVLs for residential and low-rise commercial applications. For other applications please consult directly with Meyer Timber to assess suitability.

Meyer Timber MT-LVL	TIMBERS TO BE SUBSTITUTED				
	MGP10	MGP12	F17	hySPAN	hySPAN+
MT-LVL E12	✓	✓ ⁽¹⁾			
MT-LVL E13	✓	✓		✓	
MT-LVL E14	✓	✓	✓ ⁽¹⁾	✓	✓
MT-LVL E15	✓	✓	✓ ⁽¹⁾	✓	✓

Table 1 – MT-LVL substitutions

Note (1) The substitution of these timbers are not applicable for connection designs.

Please contact either George (0418 835 666) or myself (0409 983 694) if you need to discuss this further.

Regards,



Afzal Laphir, MIEAust, CPEng, NER
Principal Engineer
Meyer Timber Pty Ltd

References:

- AS1720.1 – 2010 Timber structures Part 1: *Design methods*
- AS1720.3 – 2016 Timber structures Part 3: *Design criteria for timber-framed residential buildings*