



Australian Government

MSFFL2043 Install expansion joints

Release: 1

MSFFL2043 Install expansion joints

Modification History

Release 1. Supersedes and is equivalent to MSFFL2027 Install expansion joints.

Application

This unit describes the skills and knowledge required to install expansion joints and gaps, calculating how many and how often they are to be installed, and what size and type are necessary for the application at hand.

This unit applies to flooring technicians working in accordance with pre-determined work orders.

Licensing, legislative or certification requirements may apply to this unit and relevant state/territory and local government agencies should be consulted to determine any necessary certification or licensing for undertaking flooring work. Access to construction sites requires certification of general induction training specified by the National Code of Practice for Induction for Construction Work (ASCC 2007).

Pre-requisite Unit

N/A

Unit Sector

Flooring technology

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for work	1.1 Identify and follow work health and safety, legislative and organisational requirements 1.2 Correctly identify work requirements and process from review of documentation 1.3 Confirm subfloor suitability for installation consistent with Australian Standards and manufacturer recommendations 1.4 Select suitable expansion joints, cover strips, fixings and adhesives 1.5 Select and check tools, equipment and materials prior to use to ensure that they are appropriate for the work, serviceable and in a safe

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	condition 1.6 Plan sequence of work to ensure efficiency and quality of installation
2. Set out expansion joints for installation	2.1 Position expansion joints according to the requirements of the flooring type, manufacturer specifications and Australian Standards 2.2 Organise timber or metal mouldings or cork expansion strip for fixing and use in accordance with relevant management requirements 2.3 Prepare required adhesives and fixings for use in accordance with manufacturer instructions 2.4 Establish working lines and starting point
3. Prepare expansion joints	3.1 Follow instructions and sequence for cutting and fixing 3.2 Lay out timber or metal mouldings to meet directional sequence, pattern match, specification requirements and to minimise waste and joins 3.3 Maximise the aesthetics of the materials, where appropriate, matching grains and colours 3.4 Accurately and clearly mark timber or metal moulding or cork expansion strip materials for cutting 3.5 Cut timber or metal moulding or cork expansion strip to length and size for final fixing ensuring minimum waste
4. Install expansion joints	4.1 Organise and use timber or metal mouldings or cork expansion strip for fixing in accordance with relevant safety management requirements 4.2 Prepare and use required adhesives and mechanical fixings in accordance with manufacturer instructions 4.3 Fit timber or metal mouldings or cork expansion strip to perimeter wall expansion gaps, expansion joints in the body of the floor or transition areas 4.4 Inspect finished job and rectify any imperfections following workplace procedures
5. Complete housekeeping	5.1 Store and recycle unused materials in accordance with workplace procedures 5.2 Check, clean and store tools and equipment in accordance with workplace procedures

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	5.3 Clean work area and dispose of rubbish safely 5.4 Accurately complete required workplace documentation

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to MSFFL2027 Install expansion joints.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>