

Title	Apply self-adhesive films to flat, textured, curved, and compound surfaces for signs		
Level	4	Credits	20

Purpose	<p>This unit standard is for people working in the signmaking industry.</p> <p>People credited with this unit standard are able to: apply self-adhesive vinyl film to flat, textured, simple and compound curved surfaces.</p>
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Classification	Sign Making > Sign Making - Core
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Available grade	Achieved
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Guidance Information

- 1 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the:
Health and Safety at Work Act 2015.

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

- 2 Definitions

Job requirements – refer to specific requirements for the signmaking job at hand. These requirements may or may not be covered in the workplace job documentation and may include special instructions or quality requirements expected by the customer and/or the production standards of the signmaking workplace and/or organisation.

Product specifications – instructions provided by manufacturers of substances, equipment, and machinery. These instructions may include details on safe and correct handling, use and storage of substances and/or details on substance properties. Examples are labels on substance containers, product data sheets, and operator's manuals.

Service information – refers to the recommended use and maintenance of machinery, tools and equipment by the manufacturer or supplier.

Workplace procedures – refer to organisation policies and procedures that are documented in memo, electronic, or manual format and available in the workplace, and are consistent with manufacturer’s requirements. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor’s instructions, and procedures to comply with legislative and local body requirements relevant to the signmaking sector.

2 Assessment information

Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, workplace procedures and legislative requirements.

Outcomes and performance criteria

Outcome 1

Apply self-adhesive vinyl film to flat surfaces.

Range aluminium composite material (ACM), polyvinyl chloride (PVC), translucent acrylic, glass, interior painted wallboards.

Performance criteria

1.1 Confirm that the supplied film meets surface application requirements.

1.2 Prepare and clean substrate in accordance with surface requirements and product specifications.

1.3 Use tools in accordance with job requirements.

Range includes but is not limited to – omnichrom pencils, ruler and/or straight edge, spirit level, masking tape, application squeegee, knife, air release tool.

1.4 Position graphics and align in accordance with job requirements.

1.5 Apply film without surface blemishes.

Range application techniques – wet, dry;
surface blemishes – trapped foreign matter, bubbles, creases, trapped air, silvering, lifting edges.

Outcome 2

Apply self-adhesive vinyl film to textured surfaces.

Range textured surfaces may include – concrete walls, brick walls, concrete block walls, tiles, stucco and texture coated walls.

Performance criteria

- 2.1 Confirm that the supplied film meets surface application requirements.
- 2.2 Prepare and clean substrate using cleaning products in accordance with surface requirements and product specifications.
- 2.3 Use tools in accordance with job requirements.
- Range omnichrom pencils, ruler and/or straight edge, spirit level, masking tape, application squeegee, knife, air release tool, heat gun, heat resistant glove, rivet brush, proprietary foam application rollers.
- 2.4 Position and align graphics in accordance with job requirements.
- 2.5 Apply film in conformance with textured surface, and without surface blemishes.
- Range surface blemishes – bubbles, creases, trapped air, lifting edges.

Outcome 3

Apply self-adhesive vinyl film to simple curved and compound curved surfaces.

Range two simple curved surfaces, two moderately compound surfaces, one heavily compound surface.

Performance criteria

- 3.1 Confirm the supplied conformable cast film meets surface application requirements.
- 3.2 Prepare and clean substrate using cleaning products in accordance with surface requirements and product specifications.
- 3.3 Use tools in accordance with job requirements.
- Range omnichrom pencils, ruler and/or straight edge, spirit level, masking tape, magnets, application squeegee, application glove, knife, air release tool, knife less tape, adhesion promoter, heat gun, infra-red thermometer.
- 3.4 Position and align graphics in accordance with job requirements.
- 3.5 Apply film in conformance with surface, and without surface blemishes.
- Range surface blemishes may include – bubbles, creases, trapped air, lifting edges, edge cutting roughness, trimming damage.
- 3.6 Finish film application in accordance with job requirements.
- Range post heating requirements for vulnerable areas.

Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 April 2017	31 December 2025
Review	2	29 September 2022	N/A

Consent and Moderation Requirements (CMR) reference	0013
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.