

NICMAForm F17 Formply

Building Product Information Sheet (BPIS)

Version: 1.0

Issue Date: July 2026

Product Description

NICMAForm F17 Formply is a high-performance **F17 structural formwork plywood** manufactured with a durable phenolic film overlay and bonded using a **Weather and Boil Proof (WBP) glue line**. Designed specifically for concrete formwork applications, it provides excellent strength, dimensional stability, moisture resistance, and a smooth off-form concrete finish.

NICMAForm F17 Formply is manufactured to comply with **AS 6669:2016 – Plywood – Formwork**, which specifies the manufacture, grading, finishing, and branding requirements for plywood used in concrete formwork applications.

Product Range

Thickness (mm) Sheet Size (mm)

17	2400 x 1200
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Relevant New Zealand Building Code Clauses

When designed, installed, and maintained in accordance with this document, NICMAForm F17 Formply may contribute to compliance with the following New Zealand Building Code clauses:

B1 Structure

NICMAForm F17 Formply is manufactured to an **F17 structural stress grade** and is suitable for use in concrete formwork systems when designed and installed in accordance with accepted engineering and construction practices.

B2 Durability

NICMAForm F17 Formply incorporates a **Weather and Boil Proof (WBP) glue line** and durable phenolic film faces, providing excellent durability for repeated formwork use when handled, maintained, and stored correctly.

F2 Hazardous Building Materials

NICMAForm F17 Formply does not contain hazardous materials at levels that would prevent compliance with Clause F2 when used as intended.

Intended Use

NICMAForm F17 Formply is intended for:

- Concrete wall formwork
 - Suspended slab formwork
 - Beam and column formwork
 - Precast concrete moulds
 - Tilt panel construction
 - Civil construction
 - Commercial and residential concrete formwork
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Scope of Use

NICMAForm F17 Formply may be used where:

- An F17 structural formwork plywood is specified.
 - Compliance with **AS 6669:2016 – Plywood – Formwork** is required.
 - A smooth concrete surface finish is required.
 - The product is installed in accordance with accepted formwork design and construction practices.
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Limitations on Use

NICMAForm F17 Formply:

- Is intended primarily for concrete formwork applications.
- Must be designed and installed as part of a complete formwork system.
- Should not be permanently exposed to weather without suitable protection.
- Cut edges, drilled holes, and damaged film surfaces should be resealed before use.
- Must be stored and maintained in accordance with accepted industry practices to maximise reuse.

Design Requirements

The formwork designer is responsible for ensuring:

- The product is suitable for the intended application.
- Support centres and fixing methods are appropriate.
- Formwork systems comply with applicable engineering requirements.
- The product is used within its stated limitations.

Installation Requirements

- Store sheets flat, dry, and fully supported.
- Install using appropriate formwork fixing methods.
- Protect the phenolic film surface from unnecessary damage.
- Reseal cut edges and drilled holes with a suitable waterproof edge sealer.
- Clean panels after each use to maximise service life.
- Follow accepted industry formwork practices.

Maintenance Requirements

To maximise the service life of the product:

- Clean the panel after each concrete pour.
- Apply an appropriate form release agent before each use.
- Inspect for surface or edge damage prior to reuse.
- Reseal damaged edges or exposed timber.
- Store under cover when not in use.

Product Characteristics

Property	Description
Product Type	Structural Formwork Plywood
Stress Grade	F17

Property	Description
Surface Finish	Phenolic Film Face
Core Construction	Hardwood
Treatment	Untreated
Bond Type	Weather and Boil Proof (WBP) Glue Line
Standard	AS 6669:2016 – Plywood – Formwork
Intended Use	Concrete Formwork

Warning Statement

At the date of publication, NICMAForm F17 Formply is not subject to a warning or ban under Section 26 of the Building Act 2004.

Country of Manufacture

China

NICMAForm F17 Formply is manufactured by approved overseas manufacturing facilities operating under documented quality control and production procedures.

Importer and Supplier Information

Importer: Nicholls & Maher Ltd

Trading Name: NICMA

Address: 15 Ross Reid Place, East Tamaki, Auckland 2013, New Zealand

Phone: (09) 274 5317

Email: info@nicma.co.nz

Website: www.nicma.co.nz