

# MaxiForm F17

## BPIR Declaration

Version: v1

### Designated building product: Class 1

### Declaration

SKAPE LIMITED has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

### Product/system

<b>Name</b>	MaxiForm F17
<b>Line</b>	
<b>Identifier</b>	MAXIFORM F17

### Description

MaxiForm F17 is highly durable and ideal for most formwork applications including tilt-up wall slabs, suspended decks, columns, and precast. The film face prevents timber from absorbing the bleed water and results in a smooth concrete finish.

### BENEFITS

- Can be reused over 30 times with proper care and handling
- Superior water resistance and stiffness stability
- Manufactured to stress grade of F17
- AS2269 certified
- Machined squareness and straightness

### PROPERTIES

- **Dimensions** - 2400 x 1200 x 17mm
- **Construction** - 17mm nominal thickness, 11 plies, 1.7mm face veneer
- **Edge Seal** - Edges are sealed with 2 layer acrylic paint
- **Environmental** - Legally sourced plantation wood, FSC
- **Test Results** - AS 6669:2016

**FILM DENSITY: (BLACK ON 2 FACES) 40/135GSM**

- **Stress Grade** - F17
- **Density** -  $\pm 710\text{kg/m}^3$
- **Timber Species** - Mixed Hardwood, Eucalypt core ( $\pm 80\%$ ) Acacia Faces ( $\pm 20\%$ )
- **Moisture Content** - As per AS/NZS 2269 (not less than 6% or more than 12%)
- **Tolerances** - As per AS/NZS 2369
- **Adhesives** - Phenolic Glue, Type A Bond
- **Off-form Finish** - Class 2 (1<sup>st</sup> pour, single use) and class 3
- **Formaldehyde Emission Class** - E1

**HANDLING AND STORAGE**

Store on a hard, flat surface, avoiding direct contact with the ground and in a dry environment protected from water. Sudden changes in these conditions can affect the properties of the board.

**AFTER USE**

- Clean the plywood panels with warm water immediately after use
- Use soapy water to degrease the surface before applying release agent again
- To avoid damage to the surface, use plastic or nylon tools

**TRANSPORT**

- Protect the panels from contact with water and direct sunlight
- Store on leveled ground to avoid deflection
- Do not move the pallet after removing the strapping

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**Scope of use**

- Concrete formwork
- Construction

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**Conditions of use**

- Always use a release agent prior to every concrete pour.
- Each sheet can be used 30 or more times with proper care during use and handling.
- Edges are sealed during manufacturing. Any cut edges must be resealed with paint or sealant.
- Always use the recommended chemical reactive release agents for non-porous surfaces to ensure easy form removal.

- While cleaning is faster and easier than with traditional form materials, only use fibre spatulas and synthetic tools to avoid damaging the panel surface. Avoid metal tools.
- Panels are resistant to abrasion and impact; however, as with any high-finish surface, handle with care. Use appropriate vibration equipment and techniques to protect the surface during use.
- Store panels undercover to prevent weather-related damage.

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## Relevant building code clauses

**B1 Structure** – B1.3.1, B1.3.2, B1.3.3 (f, h, j), B1.3.4

**B2 Durability** – B2.3.1 (a)

**F2 Hazardous building materials** – F2.3.1

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## Contributions to compliance

Clause B2 Durability: Performance B2.3.1 (a) MaxiForm F17 will meet this requirement when good care is taken with storing, handling, use, and maintenance.

Clause F2 Hazardous Building Materials: F2.3.1 MaxiForm F17 meets this requirement and poses no health risk to individuals.

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## Supporting documentation

The following additional documentation supports the above statements:

<b>MaxiForm F17 certification</b>	Version 1 (May 2025)	<a href="https://www.skape.co.nz/products/maxiformf17">https://www.skape.co.nz/products/ maxiformf17</a>
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For further information supporting MaxiForm F17 claims refer to our website.

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## Contact details

Manufacture location	Overseas
Legal and trading name of manufacturer	
Legal and trading name of importer	SKAPE LIMITED
Importer address for service	27 Poporo Way Hastings 4175
Importer website	<a href="http://www.skape.co.nz">www.skape.co.nz</a>
Importer NZBN	9429052619854
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Importer phone number	

## Building code performance clauses

### B1 Structure

#### B1.3.1

*Buildings, building elements* and *sitework* shall have a low probability of rupturing, becoming unstable, losing equilibrium, or collapsing during *construction* or *alteration* and throughout their lives.

#### B1.3.2

*Buildings, building elements* and *sitework* shall have a low probability of causing loss of amenity through undue deformation, vibratory response, degradation, or other physical characteristics throughout their lives, or during *construction* or *alteration* when the *building* is in use.

#### B1.3.3

Account shall be taken of all physical conditions likely to affect the stability of *buildings, building elements* and *sitework*, including:

- (f) earthquake
- (h) wind
- (j) impact

#### B1.3.4

Due allowances shall be made for:

- a. the consequences of failure,
- b. the intended use of the *building*,
- c. effects of uncertainties resulting from *construction* activities, or the sequence in which *construction* activities occur,
- d. variation in the properties of materials and the characteristics of the site, and
- e. accuracy limitations inherent in the methods used to predict the stability of *buildings*

## B2 Durability

#### B2.3.1

*Building elements* must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

- (a) the life of the building, being not less than 50 years, if: those building elements (including floors, walls, and fixings) provide structural stability to the building, or those building elements are difficult to access or replace, or failure of those building elements to comply with the building code would go undetected during both normal use and maintenance of the building

## F2 Hazardous building materials

#### F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction* of *buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.