# Formica® AR+ Solid Colours

Product Technical Statement: 103695

miproducts

Durable high performing gloss laminate - twice the surface performance of standard gloss laminate

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**Level of assurance needed to demonstrate NZ Building Code Compliance**

LOW

*Supporting documentation should include self-assessment and technical information by manufacturer*

Formica® confirms that this minimum level of assurance has been met or exceeded by the following:
Laminex New Zealand
Formica AR+ Tech Data Sheet





masterspec partner


Company Contact Details

AR PLUS®

PREMIUM GLOSS FINISH

| | |
|---|---|
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## Technical Statement

### Product Description

AR Plus® High Gloss Solid Colours offer a hassle-free, durable high gloss laminate with twice the surface performance of standard gloss laminate. The AR Plus technology delivers a gloss surface that is highly resistant to scuffs and mar abrasions, extending the gloss laminate life cycle.

AR Plus high gloss laminates come in a 1.2mm thickness which delivers an exceptional flat gloss finish.

Available in 20 stunning solid colours from monochrome to a bright, zesty palette, AR Plus is perfectly on trend with the bold colours and gloss finishes being used in today`s interiors. AR Plus has real appeal to those designing within the retail and hospitality sectors which are fashion and trend driven, but also in sectors like education and leisure where you can create interesting zones within bigger spaces.

In addition, there is also the opportunity for use in residential applications including benchtops, doors and cabinetry surfaces.

### Scope of use

Formica AR+ Solid Colours are suitable for most interior horizontal or vertical surfaces, including counters, bench and table tops, store fixtures, office furniture, vanity units, display work, reception areas, wall paneling, toilet partitions, and door and drawer fronts.

### New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(c)
- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.4(a)
- **Clause F2 Hazardous building materials:** Performance F2.3.1

### Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Cone Calorimeter AS/NZS 3837: Group Number 1 (Laminate tested free standing)

### Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:

Laminex New Zealand
Formica AR+ Tech Data Sheet

## Product Criteria

### Design requirements

Formica® AR+ Solid Colours are suitable for most horizontal or vertical surfaces, including counters, bench and table tops, store fixtures, office furniture, vanity units, display work, reception areas, wall panelling, toilet partitions, and door and drawer fronts. Formica AR+ Solid Colours should be bonded to a suitable substrate such as standard or moisture resistant particleboard, standard or moisture resistant medium density fibreboard (MDF) or marine grade plywood. Alternatively, specify the use of pre-finished panels that are double sided in 3580x1200mm size pressed onto a 16mm MDF MRE0 substrate.

### Installation requirements

Please refer to your Fabricator or Joiner for specific requirements for your project.

## Company Product Information

### Environmental

Laminex New Zealand has established GREENfirst® to encompass numerous programmes of environmental management. This reflects our belief that action must follow good intentions and ambitious goals. We are taking action to:

- reduce energy use throughout the life of our products through finding and implementing economical energy-efficient solutions for our businesses;
- ensure active water stewardship;
- reduce carbon emissions by optimising energy usage in the production of our products;
- work with suppliers to increase recycled and eco-friendly content in our raw materials, making mandatory the use of fibres from sustainable forests;
- ensure that our products and services meet or exceed requirements of ISO14001 Eliminate or minimise waste from products, services and workplaces.
- Participation in clusters which provide education and advocacy in sustainability including New Zealand Green Building Council; Sustainable Business Network and EnviroSpec.

### Relationships

Member of New Zealand Green Building Council

Date last validated: **14 January 2015**

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