



Description

Armashield P.C.M. - Australia's toughest paint for all exterior surfaces. Formulated by Australian Chemists with Dirtguard 301 Technology to bring a new level of durability to exterior paint. It employs aerospace industry polycarbonate technologies to give molecular level protection against damage from UV light, water and environmental contaminants. Outstanding adhesion, flexibility and mould resistance is designed into the paint utilising over four decades of formulation experience with our harsh Australian conditions. It is highly abrasion resistant with a silky-smooth surface that is soft to the touch. Dirt, dust and contaminants wash away easily from its surface, maintaining that freshly painted look over long periods of time.

Principal Uses

Previously painted or new exterior timber, cement sheet, masonry, brick, concrete block, galvanized iron, zincalume, aged Colorbond, new steel, wrought iron and PVC. Do not use this product for any other purpose than that specified in our literature.

Features

Superior UV & Fade Resistance

Aerospace industry polycarbonate technologies give molecular level protection against damage from UV light. Further to enhance this performance is the incorporation of UV light absorbers and antioxidants, that combined, guarantee maximum fade resistant performance in any weather condition throughout Australia.

Highly Flexible & Water Resistant

Armashield P.C.M. is highly flexible and permanently elastic. These properties ensure crack free adhesion is maintained with substrate movement caused by changes in climatic conditions. This crack free performance ensures the substrate will be free from the ingress of water, salts and other environmental contaminants.

Excellent Washability & Stain Removal

Dirtguard 301 polycarbonate technology renders the paint film highly resistant to the ingress of water and environmental contaminants, this along with highly treated, non-absorbent pigmentation means that dirt and dust will not readily penetrate and stain the paint film. Dirt, dust and environmental contaminants will wash away easily to maintain a freshly painted look over long periods of time.

Self-Priming on Most Surfaces

Armashield P.C.M. is an adhesion promoted product that provides outstanding adhesion without the use of a primer on most new construction surfaces. However, on aged or degraded surfaces such as, where rust is present on galvanized metal, and or where the surface has previously applied and degraded existing paints. Specific surface preparation, sealer and or primers are required. See surface preparation section below.

Great Opacity

The product is very smooth and even to apply by brush or roller and has excellent surface grip during application. Brush and roller marks flow and level out evenly resulting in excellent substrate hide and cover. Armashield P.C.M. is coloured with Astec's high solid in-organic Colourfast pigments which further enhance opacity during application.

Soft Touch Technology - Ultra Smooth Feel

The formula incorporates our soft touch technology where highly treated pigments provide a very smooth, nonabrasive and luxurious feel to the surface of the paint, with that smooth feel remaining even on a rough surface such as highly textured exterior walls.

Mould & Mildew Protection

Armashield P.C.M. incorporates topical strength anti-mould and mildew protection that will resist film growth even throughout Australia's tropical regions such as far North Queensland.

Australian Made and Owned

Astec Paints are an Australian owned and operated company that has been manufacturing premium finishes for the building and home restoration industries since 1978. For over four decades we have produced our entire product range in our South Australian plant. We are proud of what we make and that our products can carry the Australian Made and Owned Logo.



Technical Data

Clean-up	Water
Coverage	Up to 12 m ² /litre, surface dependant. Spread rate will be lower on rough and or absorbent surfaces.
Masonry	7.0-8.0 m ² /ltr (single coat)
Brick	7.0-8.0 m ² /ltr (single coat)
Concrete Block	6.0-7.0 m ² /ltr (single coat)
Corrugated Metal Roofing	5.4-6.4 m ² /ltr (single coat inc substrate profile)
Cement Tiles	4.5-5.5 m ² /ltr (single coat inc substrate profile)
Shingles / Slates	6.0-7.0 m ² /ltr (single coat inc substrate profile)
Cement Sheet	8.0-10.0 m ² /ltr (single coat)
Textured Surface	7.0-8.0 m ² /ltr (single coat)
Recommended Thinners	Water
Thinning	Up to 10 % for Spray applications
Volume Solids.	37.7%
Recoat Time	Touch dry in 30 minutes / Recoat 2 hours
Gloss Level	4.2% @ 60 degrees
V.O.C	<50 GI
QUV Accelerated weathering (3972 hrs UVB / Moisture 60 deg C Colour (Black)	>98% of original gloss retained
Water Transmission Resistance (AS/NZS 4548.5-1999)	<1 g/24h/m ² /kPa
Water Vapour Transmission (AS/NZS 4548.5-1999)	112.00 g/m ² /24 hour:
Elongation @ 25 deg / C	365 %
Tensile Strength	4.27 mpa, max strain
Specific Gravity	1.234
PVC	24%

Application Data

Application

Stir well before use with a flat paddle or with a metal paint wacker using an up and down scooping action. Apply two coats Armashield P.C.M. with a good quality synthetic brush or new unused 10 to 12 mm synthetic roller cover. NOTE: the number of coats required to achieve full cover will depend of the primers and sealers used during preparation, application technique and/or the underlying substrate colour. Do not apply to surfaces that have had wax or silicone-based materials previously applied. Do not apply when ambient temperature is below 10°C, above 35°C or when humidity is very high.

Surface Preparation

All surfaces must be clean dry and free of contaminants. Remove dirt, dust and any grease with a household detergent. Scrape of any loose or flaking paint on existing painted surfaces then sand any remaining paint to a flat finish. Any existing paint that exhibits a complete lack of adhesion should be entirely removed for the best results, (except on asbestos sheeting). Wipe down with a damp cloth to remove any dust. Where it is not possible to completely remove all chalk or contaminants from the surface, apply Astec Multi-seal, which will bind the surface to a hard finish prior to painting. Rusted surfaces or nail heads should be treated with Astec Rus-traint then spot primed with Astec B-16 Anti-corrosive primer.

New Timber, (Tannin Rich)

On tannin rich timbers, (Oregon, Cedar, Merbau), prime with Wallmaster Multiblock Primer to prevent staining of light tinted colours. Apply two coats of Armashield P.C.M. .

Aged Enamels and Stains

Lightly sand where necessary then brush down the surface to remove any dust. Apply one coat Wallmaster Multiblock Primer then apply two coats of Armashield P.C.M. .

New Unpainted Timber

Lightly sand any joints where necessary then brush down the surface to remove any dust. Apply two coats of Armashield P.C.M. .

New Pre-Primed Timber

Lightly sand where necessary then brush down the surface to remove any dust. Apply two coats of Armashield P.C.M. .

New Steel and Wrought Iron

Remove any excessive rust with a scraper, wire brush or by sanding. Wipe clean and remove any grease with Astec Enviro-clean. Apply Astec Rus-traint to application details on its can. Apply one coat Astec B-16 Anti-corrosive primer. Apply two coats of Armashield P.C.M. .

New Galvanised Iron or Colorbond

Wipe clean and remove any grease with Astec Enviro-clean. Apply two coats of Armashield P.C.M. .

Aged Corroded Galvanised Iron or Colorbond

Remove any excessive rust with a scraper, wire brush or by sanding. Wipe clean and remove any grease with Astec Enviroclean. Apply Astec Rus-traint to application details on its can. Apply one coat Astec B-16 Anti-corrosive primer. Apply two coats of Armashield P.C.M. .

Brick, Concrete Block, Fibro Cement Sheet & Masonry

No primer is required on these surfaces that are in a new sound condition, (that are not weathered to a point where the surface or mortar joints are friable or continue to powder ever after cleaning). However, If the surface is friable, apply Astec Multi seal which will bind the surface to a hard finish. Apply two coats of Armashield P.C.M. .

Glazed Brick

Apply one coat Wallmaster Multi-block Primer. Apply two coats of Armashield P.C.M. .

P.V.C Downpipes

Wipe clean and remove any grease with Astec Enviro-clean. Apply two coats of Armashield P.C.M. .

Mould Infested Areas

Wash down using a stiff brush with (Chlorine) or a household bleach and water to remove the mould.

Paint Disposal

Do not pour left over paint down the drain. Brush any leftover paint onto newspaper and allow to dry in a well-ventilated area. Dispose of the dry paint via domestic waste disposal. Empty cans should be left open and allowed to dry then disposed of in accordance with your local recycling legislations.

Safety Direction

Keep out of reach of children, provide adequate ventilation during use and do not dispose of left-over paint in any drainage systems.

First Aid

Eye Contact

Irrigate continuously with water for fifteen minutes holding eyelids open. Seek Medical advice.

Swallowed

Contact a doctor or Poisons Information Centre immediately. Do not induce vomiting. Give a glass of water. If vomiting does occur, place victim's face downwards at low level to prevent vomit entering lungs. Contact Astec for the relevant Material Safety Data Sheet.
