

# Wattyl Solagard®

## DESCRIPTION

- Wattyl Solagard® is a tough and durable exterior paint which offers protection for your home in any weather or climate. Solagard Total Protection Technology is designed to keep your home looking better for longer.
- Wattyl Solagard's gloss level provides the best balance between appearance, dirt resistance and flexibility for greater protection.

## PRINCIPAL CHARACTERISTICS – Total Protection Technology

- Suitable for exterior use only.
- Designed to be applied to most exterior surfaces without the use of a primer.
- Ease of application.
- Outstanding durability.
- UV Block out.
- Flexible- resists cracking and peeling.
- Stay clean.
- Cures at low temperatures down to 5°C.
- Self priming.
- High performance polymers.
- Inhibits mould and mildew.
- 10 or 15 year guarantee that Wattyl Solagard will not flake, peel or blister on properly prepared surfaces coated with a colour from the Wattyl Solagard colour card.
- Made in New Zealand for New Zealand conditions.

## COLOURS AND GLOSS

- Bases may be tinted as required. Refer to the Wattyl Solagard® colour card.
- Available in Gloss, Low Sheen and Semi-Gloss

## BASIC DATA

- **Surface dry**                      Thirty (30) minutes
- **Recoat**                              Two (2) hours at 20°C and 65% relative humidity.
- **Fully cured**                        Seven (7) days  
All figures are quoted at 20°C and 65% relative humidity. Drying will take longer at lower temperatures or higher relative humidity.
- **Coverage per coat**                8-14m<sup>2</sup>/L (depending on surface texture, porosity and the method of application).
- **WFT per coat**                        60 μ
- **DFT per coat**                        40 μ
- **Thinning**                              For ease of application in hot or windy conditions, or on very porous substrates thin first coat only, with up to 10% water.
- **Clean Up**                              Thoroughly clean equipment with water away from drains.
- **VOC**                                      <48g/L as per EC-07-07 untinted or when tinted with Wattyl Ecotint.  
VOC = Volatile Organic Compounds. Calculations are based on APAS definition and are in accordance with Green Building Council requirements.

## RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE

- Suitable for use on almost any exterior surface including timber, cement render, brick, fibre cement, masonry, Zinalume® and galvanised iron sheet, prepared and primed metallic surfaces, and previously painted surfaces in good condition.
- Ensure the surface is clean and dry, and free from chalking, loose friable material, dust, dirt and grease. All loose, peeling or flaking material must be removed. Uneven surfaces should be sanded smooth with fine abrasive paper and all dust removed. Fill holes and cracks with a suitable filler and sand lightly to an even finish. If mould is present, clean surface with household bleach then rinse well with clean water.

**Bare Timber:**

- Apply 2-3 coats of Solagard direct to the timber. For white and tints from white on dark coloured (tannin rich) or treated timbers apply one coat of Taubmans UnderProof Wood Primer before applying 2-3 coats of Solagard.
- Allow new LOSP treated pine to weather 2 weeks prior to application in order to ensure adhesion of the paint. Allow resin rich hardwoods to weather for 4-6 weeks.
- Some primers used on pre-primed timbers are of poor quality. Unless a painting specification is supplied by the timber manufacturer, pre-primed timber should be sanded bare before coating to ensure durability.

**New masonry, Brick, Fibrecement etc:**

- No primer required. Thoroughly wash down the surface to remove all dust and loose material. Apply 2-3 coats of Solagard.
- Ensure all new cement and concrete surfaces are fully cured prior to painting. Typically this may take a minimum of 4-6 weeks. Ensure concrete surfaces are free from any bond breakers, formwork release agents, curing compounds and efflorescence.

**Galvanised Iron:**

- Weathered galvanised iron may be coated directly after degreasing with Wattyl Roof Wash as per label instructions. Rinse well to ensure removal of all residue. Rusted areas should be wire brushed to remove rust and primed with Killrust Oil Based Galvanised Iron Primer. Shiny new galvanised iron should be thoroughly scrubbed with a nylon scourer or nylon broom and hot water and detergent. Be sure to rinse well to remove all oil and dust residue. Apply 2-3 coats of Solagard.

**Galvanised steel (structural/hot dip):**

- Due to the possible variability in surfaces and exposure conditions, call the Wattyl Helpdesk to determine the most suitable preparation prior to painting, toll free on 0800 735 551.
- Ensure Zinalume® or weathered Colorsteel® surfaces are clean and free of salts or other deposits. New Colorbond® should be scoured with a nylon scourer if painting is required.

**Bare Steel (not galvanised) and Other Metals:**

- Remove all loose rust or mill scale by wire brushing, scraping or sanding. If residual rust cannot be removed, apply Wattyl Killrust Rust-Eeter. Apply two coats of Wattyl Killrust Metal Primer. Apply 2-3 coats of Solagard®, however for longer lasting corrosion protection, a complete Killrust metal protection system is recommended.

**Previously Painted Surfaces:**

- Ensure surface is sound. To test, cut a small X through the paint with a sharp blade. Stick a piece of tape firmly over the X and rip off. If the paint pulls away, the surface is unsound. Repeat at random in a number of areas. Unsound surfaces should be stripped to achieve the best results. Some pre-coated substrates may require priming. Please refer to the manufacturer of the substrate for their recommendations.
- For generally sound surfaces, remove any loose or flaking paint with a scraper or wire brush, sand smooth, wash with detergent and water then rinse thoroughly. Apply 2 - 3 coats of Solagard. Glossy painted surfaces should be sanded and thoroughly cleaned to ensure correct adhesion.
- Sand any enamel painted surfaces until gloss is removed.

**Additional Notes:**

- Application should not be carried out if the air temperature or the substrate temperature is below 5°C or above 35°C, or when humidity is very high.
- The temperature must not fall below 5°C during the drying process.
- Do not apply when rain or dew is expected within 4 hours.
- Not suitable for timber decks, use Wattyl Weathergard Decking Paint or Taubmans TimberProof.
- Not suitable for walk on surfaces or areas with vehicular traffic such as driveways.
- Not suitable for use on terracotta roof tiles, pots, or tiles.
- Knots in LOSP treated pine can be a source of resin bleed which will discolour white and white tones.
- For specific substrate preparation, see relevant specification sheets.

**INSTRUCTIONS FOR USE**

- Stir contents thoroughly with a flat stirrer before and during use.
- Apply full, even coats to a correctly prepared surface by brush, roller or spray equipment.

1. This information is provided with respect to the listed Wattyl products. Wattyl recommends that:

(a) The user should check the date of printing, and if more than 24 months have elapsed, should verify with our nearest sales office that the information is still current. (b) you review the Technical Data Sheets (TDS) and Material Safety Data Sheets (MSDS) before you use or handle the product; (c) the product be used only in accordance with the information provided by Wattyl; (d) the product be transported, stored and handled in accordance with the information on the MSDS and relevant TDS; and (e) you thoroughly test the product, using the recommended application method on a sample of intended substrate, before using the product.

2. The information in this technical data sheet was prepared using information gathered during product development. While Wattyl endeavours to update this information and maintain the accuracy and currency of its contents, Wattyl cannot guarantee that the information provided is wholly comprehensive.

3. Wattyl recommends that you conduct such additional investigations as may be necessary to satisfy yourself of the accuracy, currency and comprehensiveness of the information on which you rely in using and handling the product. If you require further information please contact your nearest Wattyl Office.

4. Because we cannot control the way these products may be used, or the conditions they may be exposed to, we can give no express guarantees in respect of these products or their performance. However certain guarantees may be implied by law.

- Number of coats required are specified in the Warranty section below.
- If applying in hot or windy weather or onto very porous surfaces, thin the first coat up to 10% with water.
- Coat window frames sparingly in contact areas. To avoid sticking move windows within 30 minutes and again in the first 24 hours.
- On roofs used for collecting drinking water, downpipes should be disconnected from tanks prior to preparation. Reconnect pipes after the first heavy rainfall (15mm) once painting is completed.

**SOLAGARD FLAKE, PEEL OR BLISTER WARRANTY**

“Wattyl warrants that if Wattyl Solagard in a colour selected from the Wattyl Solagard colour card is correctly tinted and mixed at the time of purchase is applied on sound, properly prepared surfaces as per label instruction, it will not flake, peel or blister for 10 or 15 years depending on number of coats and the surface type as shown in the table below. If the paint fails to perform as specified above, Wattyl will provide, free of charge, sufficient paint to recoat the effected areas. Paint failure caused by any breakdown of a previous coating is not covered in this warranty”. For full detail on the warranty, refer to Wattyl Helpdesk on 0800 735551 or website [www.wattyl.co.nz](http://www.wattyl.co.nz). Terms, conditions and some exclusions may apply to this warranty.

SURFACE TYPE	15 YEAR WARRANTY FINISH COATS	10 YEAR WARRANTY FINISH COATS
Previously painted surfaces & new Coloursteel®	2 Coats of Solagard	2 Coats of Solagard
^ Bare Timber	3 Coats of Solagard	2 Coats of Solagard
Bare Cement Render, Brick, Fibre Cement, Masonry	3 Coats of Solagard	2 Coats of Solagard
Zincalume®	3 Coats of Solagard	2 Coats of Solagard
Galvanised Iron sheet	3 Coats of Solagard	2 Coats of Solagard

^When using Solagard Roof on these substrates, refer to the label for the correct primer.  
^Not suitable for walk on surfaces.

**SAFETY DATA**

- **Caution** Provide adequate ventilation during use.
- **Spills and Disposal** Do not allow spilt material to enter drains or other watercourses. Absorb spills with sand or other inert material. Do not pour leftover paint down the drain. Unwanted paint should be kept in a sealed container, such as an empty paint can, and disposed of via special waste collection services. Check with your local Council regarding the disposal of empty paint containers. Empty paint containers should be left open in a well ventilated area to dry out. When dry, recycle steel containers via steel can recycling programs. Disposal of empty paint containers via domestic recycling programs may vary between local authorities.
- **M.S.D.S.** A Material Safety Data Sheet (M.S.D.S.) is available on request.
- **First Aid:**  
If swallowed **do not** induce vomiting. Give plenty of water to drink. Contact a doctor or the Poisons Information Centre. Phone 0800 764766 (New Zealand).  
If in eyes, hold eyes open and flood with water for at least 15 minutes. Contact a doctor if any irritation occurs.  
If on skin remove contaminated clothing, wash skin thoroughly with soap and water or a proprietary skin cleanser. Do not use solvents.  
If affected by inhalation remove person to fresh air. If breathing difficulties persist or occur later, contact a doctor.

**ADDITIONAL DATA**

- Available in 1L, 2L, 4L and 10L containers.
- Containers must be secured and stored upright during transit.
- Containers must not be exposed to excessive heat or cold.
- For product advice and assistance telephone toll free 0800 735 551.

1. This information is provided with respect to the listed Wattyl products. Wattyl recommends that:  
(a) The user should check the date of printing, and if more than 24 months have elapsed, should verify with our nearest sales office that the information is still current. (b) you review the Technical Data Sheets (TDS) and Material Safety Data Sheets (MSDS) before you use or handle the product; (c) the product be used only in accordance with the information provided by Wattyl; (d) the product be transported, stored and handled in accordance with the information on the MSDS and relevant TDS; and (e) you thoroughly test the product, using the recommended application method on a sample of intended substrate, before using the product.  
2. The information in this technical data sheet was prepared using information gathered during product development. While Wattyl endeavours to update this information and maintain the accuracy and currency of its contents, Wattyl cannot guarantee that the information provided is wholly comprehensive.  
3. Wattyl recommends that you conduct such additional investigations as may be necessary to satisfy yourself of the accuracy, currency and comprehensiveness of the information on which you rely in using and handling the product. If you require further information please contact your nearest Wattyl Office.  
4. Because we cannot control the way these products may be used, or the conditions they may be exposed to, we can give no express guarantees in respect of these products or their performance. However certain guarantees may be implied by law.

