

Wattyl Solagard Roof

DESCRIPTION

- A tough acrylic finish with such exceptional resistance to sun and weather that it comes with a 10 or 15 year guarantee depending on the number of coats and surface type as shown in the table below. Wattyl Solagard Roof is formulated to give excellent adhesion and contains mica for extra protection against the elements. Modern technology combines to give Solagard Roof superior flow, smoothness, adhesion and durability.

PRINCIPAL CHARACTERISTICS

- Suitable for exterior use only.
- Designed to be applied to suitable primed bare steel and other metals.
- Excellent weather resistance and durability.
- The range of colours available simulates some of the current colours available in pre-coated steel.
- 10 or 15 year guarantee that Wattyl Solagard Roof will not flake, peel or blister on properly prepared surfaces coated with a colour from the Wattyl Solagard colour card.
- Especially suitable for roofs used for the collection of drinking water.

COLOURS AND GLOSS

- Bases may be tinted as required. Refer to the Wattyl Solagard colour card.
- Available in Satin.

BASIC DATA

- **Surface dry** Thirty (30) minutes at 20°C and 65% relative humidity.
- **Recoat** 2 hours at 20°C and 65% relative humidity.
- **Fully cured** 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** 8-14m²/L (depending on porosity and texture of the surface).
- **WFT per coat** 60µ
- **DFT per coat** 40µ
- **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** 52g/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

- Solagard Roof should be applied using a quality brush, roller or spray equipment.

Galvanised Iron:

- Weathered galvanised iron may be coated directly after degreasing with Wattyl RoofWash 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 galvanized iron should be thoroughly scrubbed with hot water and detergent using a nylon scourer or brush. Be sure to rinse well to remove all oil and dust residue. Apply 2 or 3 coats of Solagard Roof. In coastal or geothermal environments the application of a galvanized iron primer is advised. Solagard Roof can be applied directly to clean lead flashings.

Zincalume®:

- Treat as per galvanized iron.

Colorsteel®:

- Weathered Colorsteel® may be coated with Solagard Roof once cleaned to remove contaminants and chalky compounds.

Weathered Concrete Tiles:

- Clean with Wattyl RoofWash as per label instructions. Prime aged and weathered tiles or areas of exposed concrete with a saturation coat of Taubmans UnderProof Roof Tile Sealer.

New Concrete Tiles:

- Clean with Wattyl RoofWash as per label instructions. Prime all glossy areas with a coat of Taubmans UnderProof Roof Tile Sealer.

Bare Steel (not galvanised) and Other Metals:

- Clean thoroughly and apply the appropriate Killrust Preparatory Product if necessary. Apply 2 coats of Killrust Metal Primer (for aluminium apply a coat of Wattyl Killrust Super Etch instead). Apply 2 to 3 coats of Solagard Roof.

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. For generally sound surfaces, remove any loose or flaking paint with a scraper or wire brush, wash with detergent and water then rinse thoroughly. Any shiny surfaces should be sanded thoroughly to a dull finish. Rusted areas should be wire brushed to remove as much rust as possible and primed with Killrust Oil Based Galvanised Iron Primer. Apply 2 or 3 coats of Solagard Roof.

Additional Notes:

- Solagard Roof is safe to use on roofs used for the collection of drinking water. However, to prevent foaming of water, we recommend the tank pipe be disconnected prior to preparation for painting and reconnected after 10-15mm of rainfall once painting is complete.
- Do not apply when the temperature is below 5°C, the humidity greater than 85%, or if dew or rainfall is likely within 4 hours of application.
- Wattyl Killrust Oil Based Galvanised Iron Primer is recommended for mild steel.
- Taubmans UnderProof Roof Tile Sealer is recommended for glazed or friable concrete tiles.
- The temperature must not fall below 5°C during the drying process.

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.
- Apply 2 even coats to primed and previously painted surfaces.
- Apply 3 even coats to new un-primed surfaces, thinning the first coat 10% with clean water.
- Number of coats required are specified in the Warranty section below.
- Wattyl Solagard Roof is safe to use on roofs used for the collection of drinking water. However, to prevent possible tainting, we recommend the tank pipe be disconnected prior to preparation and reconnected after the first heavy rainfall (15mm) once painting is completed. Not suitable for walk on surfaces.

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.

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. 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	2 Coats of Solagard Roof	2 Coats of Solagard Roof
Concrete Tiles	3 Coats of Solagard Roof	2 Coats of Solagard Roof
Colorsteel®	2 Coats of Solagard Roof	2 Coats of Solagard Roof
Zincalume®	3 Coats of Solagard Roof	2 Coats of Solagard Roof
Galvanised Iron sheet	3 Coats of Solagard Roof	2 Coats of Solagard Roof

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 10L containers.
 - Containers must be secured and store 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.

Wattyl (N.Z.) Limited, P. O. Box 1545, Auckland, 1.

Phone 09 820 6700

Fax 09 820 6572

WATTYL (NZ) LTD

INFORMATION HELP LINE: 0800 735551 (New Zealand)

wattyl

Granosite

taubmans