



Barloworld
Plascon South Africa

SILVERSHINE ALUMINIUM PAINT

TECHNICAL DATA SHEET NO.: A-33-H

DATE: DECEMBER 2004

PRODUCT CODE: ASS 1

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

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| Product Description | Single pack high quality alkyd aluminium finish with high lustre. | | | |
| Intended Uses | <ul style="list-style-type: none"> SILVERSHINE ALUMINIUM PAINT is recommended for pipes, gates, fences and structural steel. Used as interior or exterior finishing coat over suitably primed and undercoated steel, providing excellent protection against water / moisture and ultraviolet light degradation in inland and coastal environment. Also used directly onto bituminous soil pipes. | | | |
| Features | <ul style="list-style-type: none"> This product gives good protection on interior and exterior surfaces. Is heat resistant up to 100 °C. Has excellent brilliance and good shelf stability. | | | |
| Product Information | Appearance Colour Solids S G at 23 °C Theoretical spreading rate Typical spreading rate Viscosity at 23 °C Flash Point | High silver lustre Silver Approx. 65 % by mass; 56 % by volume 0,96 kg / ℓ (typical) 28m ² /ℓ at 20μm DFT Please apply appropriate correction factors 53 - 57 KU (typical) 38 °C | | |
| Application Details | Mixing | Stir thoroughly with a flat paddle until homogeneous and occasionally during use. | | |
| | Substrate | All surfaces which are properly primed and undercoated e.g. mild steel, galvanised steel, wood, masonry, etc. | | |
| | Method | Brush, roller or spray. | | |
| | Thinning | Not normally necessary to thin for brush and roller application. For spray application thin approx. 10 parts SILVERSHINE to 1 part SPRAYING THINNER (TH 3) or MINERAL TURPENTINE (AZH 1) by volume. | | |
| | Cleaning | MINERAL TURPENTINE (AZH 1). | | |
| | Application Environment | Surface Temperature | Ambient Temperature | Relative Humidity |
| | | Min.: 5 °C | Min.: 10 °C | - |
| | | or 2 °C min. above dew point | | |
| | | Max.: 40 °C | Max.: 40 °C | Max.: 85 % |
| | Drying time | Touch dry Recoating Dry to handle | | 4 h at 23 °C 16 h at 23 °C 16 h at 23 °C |
| Storage and Packaging | Store away from direct sun, heat and severe cold. | | | |
| | Packaging: 500 mℓ, 1ℓ, 5ℓ and 25ℓ. | | | |
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| Surface | • | Surfaces must be clean, sound, dry and free from grease, oil or any other contaminants. |
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| Preparation | 1. | NEW WORK |
| | 1.1 | MILD STEEL <ul style="list-style-type: none">Remove oil, grease and dirt contamination with AQUASOLV DEGREASER (GR 1). Rinse thoroughly with fresh water and allow to dry.Remove all rust by coarse sanding, mechanical grinding, wire brushing, etc.Prime general surfaces the same day with PLASCON METAL PRIMER (UC 501) or use ZINC PHOSPHATE PRIMER RED OXIDE (UC 207) for structural steelwork. |
| | 1.2 | GALVANISED STEEL <ul style="list-style-type: none">Remove grease, oil and temporary protective coating with GALVANISED IRON CLEANER (GIC 1), followed by clean water rinses until a water break-free surface is achieved.Prime the same day with GALVANISED IRON PRIMER (GIP 1). |
| | 1.3 | WOOD <ul style="list-style-type: none">Sand wood to a smooth surface in the direction of the grain.Dust off thoroughly and apply WOODCARE KNOT SEAL (PK 2) to knots and resinous areas.Prime with WOOD PRIMER (UC 2). |
| | 1.4 | CEMENT PLASTER, CONCRETE, BRICKWORK <ul style="list-style-type: none">Ensure that surfaces have cured for at least 28 days and are thoroughly dry.Apply PLASCON PLASTER PRIMER (UC 56) as supplied. |
| | 1.5 | It is recommended to apply PLASCON UNIVERSAL UNDERCOAT (UC 1) over the primer to enhance the service life of the system. |
| | 2. | PREVIOUSLY PAINTED SURFACES <ul style="list-style-type: none">Remove loose and peeling paint and spot prime bare areas the appropriate primer.Clean old paint with POLYCELL SUGAR SOAP POWDER CLEANER and rinse thoroughly with fresh water. Sand glossy areas to a matt finish and apply PLASCON UNIVERSAL UNDERCOAT (UC 1). |
| | 3. | BITUMEN COATED SOIL PIPES <ul style="list-style-type: none">Remove dirt or any other contaminants using POLYCELL SUGAR SOAP POWDER CLEANER. Rinse with fresh water.(Do not use AQUASOLV DEGREASER GR 1). |
| Application | <ul style="list-style-type: none">Ready for use by brush and roller application.For conventional and airless spray application thin as recommended.Apply in thin coats - thick coats retard through drying. | |
| Cautions | <ul style="list-style-type: none">Avoid thick coats which will retard through drying.Not recommended for chemical or acid polluted environments.Spray recommended for large areas to ensure uniform appearance.Take care when opening, to relieve pressureOnce opened, shelf life decreases. | |
| Safety Precautions | <ul style="list-style-type: none">Always keep paint out of reach of children.Ensure good ventilation during application and drying.If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner. Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention. Harmful if swallowed. Seek medical attention and do not induce vomiting.Do not smoke while painting.Flammable. Store in a cool dry place away from heat and sparks.Refer to Material Safety Data Sheet for complete information. | |
| Transportation | This product is non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996). | |
| DISCLAIMER: The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control. N.B.: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used. NB: TO ORDER: Quote product name, product code number, packaging and colour. BARLOWORLD PLASCON SOUTH AFRICA (PTY) LIMITED | | |
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