



AquaPro Polyurethane Coating 251 series



“AquaPro Polyurethane Coating 251 series” is specially formulated to build a high quality tough film for a wide range of surfaces of both interior and exterior applications. This paint provides excellent durability, adhesion and high gloss retention.

Usage	Suitable for indoor and outdoor concrete, cement, metal, wood surfaces and also a wide range of other surfaces.																		
Finish	High Gloss																		
Color	1,050+ computerized tinting colors & tailor-made colors on request																		
Packing	4 Liters (Two-piece pack)																		
Advantages	<ul style="list-style-type: none"> ✓ Excellent durability ✓ Excellent adhesion to different substrates ✓ Good gloss retention ✓ Water based ✓ Non-toxic ✓ Low VOC & no odour ✓ Ease of application ✓ No chalking, cracking & very slight color fading observed after 500 hours in UV / Condensation Screening Device (actual result varies with colour). 																		
Base Resin	Polyurethane																		
Drying Time	1 hour 24 hours Minimum 8 hours																		
Coverage	Around 14.8m ² /ltr. @25 microns dry film thickness per coat Actual coverage depends on surface conditions and also application conditions.																		
Shelf Life	36 months																		
Recommended Coating System	<table border="1"> <tbody> <tr> <td rowspan="3">Metal</td><td>Primer</td><td>AquaPro Rust-Proof Metal Primer 103 / AquaPro Anti-Corrosive Epoxy Primer 133</td></tr> <tr> <td>Undercoat</td><td>AquaPro Enamel Primer 113</td></tr> <tr> <td>Topcoat</td><td>AquaPro Polyurethane Coating 251</td></tr> <tr> <td rowspan="2">Wood</td><td>Undercoat</td><td>AquaPro Enamel Primer 113</td></tr> <tr> <td>Topcoat</td><td>AquaPro Polyurethane Coating 251</td></tr> <tr> <td rowspan="2">Concrete floor</td><td>Undercoat</td><td>AquaPro Epoxy Primer 163</td></tr> <tr> <td>Topcoat</td><td>AquaPro Polyurethane Coating 251</td></tr> </tbody> </table>		Metal	Primer	AquaPro Rust-Proof Metal Primer 103 / AquaPro Anti-Corrosive Epoxy Primer 133	Undercoat	AquaPro Enamel Primer 113	Topcoat	AquaPro Polyurethane Coating 251	Wood	Undercoat	AquaPro Enamel Primer 113	Topcoat	AquaPro Polyurethane Coating 251	Concrete floor	Undercoat	AquaPro Epoxy Primer 163	Topcoat	AquaPro Polyurethane Coating 251
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Technical Bulletin No.: 251/231211

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Application Method	<p>Mix Pack A (paint) with Pack B (hardener) in the ratio of 100 : 6 by volume, stir thoroughly and allow 10 minutes induction time.</p> <p>Once the cans are opened, Pack A and Pack B should be mixed as soon as possible. Otherwise, the Pack B (hardener) would be spoiled by the moisture content in the air.</p> <p>The mixture should also be used within 4 hours.</p> <p>If the mixture thickens or spoils, do not thin. Properly throw it away. Mix fresh materials again for new paint.</p> <p>Ready-to-use after thinning with clear water and stirring thoroughly</p>
Recommended No. of coat	2 coats
Thinning Ratio – <i>Brush/Roller</i>	Dilute 10 parts of the paint with around 1 to 2 parts of clear water (10-20%)
Application	<ol style="list-style-type: none"> 1. Painting is recommended to carry out on fine day. 2. Surfaces to be coated must be sound, clean, free from dust, rust, oil, grease, moisture and foreign matters. For recoating old surfaces, all chalked and scaled materials must be removed before painting. 3. Stir the paint well before use. 4. The product would be cured to maximum physical properties in 7-8 days.
Conditions	<ul style="list-style-type: none"> – Maintain temperature in areas to receive coatings at minimum 10°C during application and until coatings have cured. – Avoid applying the product when relative humidity above 85%. – Adequately ventilate areas where coatings are being applied. Maintain a reasonably dust-free atmosphere for duration of work. – Protect adjacent surfaces not scheduled to receive coatings from damage and overcoat. – Post “Wet Coating” signs while work is in progress and while coatings are curing. – Material to be delivered and stored in undamaged, original manufacturers’ containers. – Keep container closed when not in use – Store at cool, dry place. Store above freezing point.

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Health & Safety Precautions

- *Ingestion*
- *Eye contact*
- *Skin contact*
- *Inhalation*

Send the affected person to hospital or obtain medical attention immediately. Do not induce vomiting.

Flush immediately with water and get medical care.

Flush immediately with water and remove contaminated clothing. If irritation persists, refer for medical attention.

Remove the affected person to fresh air and obtain medical attention if rapid recovery does not occur.

Type of Regulated Paint under the Air Pollution Control (Volatile Organic Compounds) Regulation of Hong Kong: Non-Flat Coatings P09-06

VOC content (ready to use): Not exceeding 100gm/Liter

NOTES

- Product data is based on in-house testing methods modified from BS3900/ASTM.
- Content will be updated without prior notice.
- Surface preparation, application method and condition, etc. may affect product performance. We are not responsible for the performance, unless agreed in writing by us.

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