



# MIROTONE

*Leading the way in coating systems since 1938*

Date: 30 th April 2012

Mr Peter Chan  
PM Timbers  
Unit 19 323-325  
Woodpark Road  
Smithfield

Dear Peter

I am writing in regards to your recent request for a recoat system for your UV coated engineering flooring. Polycure has a large range of timber coatings that have been designed to be applied directly onto raw timber providing a durable and attractive film designed to enhance the natural beauty of the timber. The Polycure range is sold throughout Australia through our exclusive distribution network.

As a result of your recent request we have completed testing on three different coated panels that you have supplied to us for evaluation. We have conducted the following testing and are pleased to provide you with these results so that you can evaluate this information and establish which of the Polycure products are suitable for your requirements.

On the two coated panels supplied by you from your production, (one Blackbutt panel and one spotted gum panel) we applied the following products and conducted the following testing.

- The UV coating on the Spotted Gum and Blackbut panel was cleaned with AQUACARE 8430 Floor Clean & Degreaser to remove any surface contaminates.
- Rinse the surface with clean water to remove and neutralise any soaps from the cleaner.
- Part of the surface was sanded with a 120 grit screen disc or sand paper to provide a sound mechanical key for the following topcoats. The other part was left unsanded so that adhesion of the following topcoat could be evaluated over the clean unsanded surface.
- Two coats of AQUAPRO 8270 Advance in the appropriate gloss were applied with a 10mm nap mohair roller.
- The panels were left to dry thoroughly and then tested at different time intervals for Intercoat Adhesion, Ball impact and Cold Check Cycle performance testing.

Sample Panels provided	Test result on adhesion as per AS1580-408.4 0= Best 5= Poor	Cold check cycle results after 20 cycles: MTM 3.31	Impact results as per BS 3962-part 6 5= best (no Cracking) 4= 1 crack 3= 3 or more cracks 2= Noticeable cracking and shattering.
PM UV Blackbutt	0	Pass	5 and 4
PM UV Spotted Gum	0	Pass	5 and 4
E.V.H.B. Teak (Vicwood Industries)	0	Not tested	3

Based on the panels supplied we have been able to supply the above test results and offer the following products for you to evaluate as maintenance, repair and recoat system for your UV coated



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#### NEW SOUTH WALES

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Flooring. As always we provide the information in this report in good faith but it will be up to you to further evaluate the products listed below to ensure that their performance meets your particular requirements.

Our testing has shown that on the panels that you supplied Polycure's AQUAPRO 8270 Advance 2k Water based Polyurethane has provide excellent adhesion over your UV coated flooring. We suggest that the AQUAPRO 8270 Advance should be applied over a clean and well sanded surface to achieve the best performance from the coating and to provide the required protection to your floor. This product would be an ideal choice for floors that need to be recoated in situ as it is easily applied with a 10mm nap Micro Fibre roller and dries in approximately 5 hours depending on the environment.

<b>Maintenance and cleaning products</b>			
<b>Polycure Inv Code</b>	<b>Polycure Product Description</b>	<b>Area of Use</b>	<b>Sales unit</b>
8440-01&8440-05	AQUACARE 8440 Floor Clean Concentrate	A PH neutral Detergent for general cleaning	1 & 5 lt
8430-01 & 8430-05	AQUACARE 8430 Floor Clean & Degreaser	This is high performance cleaner recommended to cleaning contaminated surfaces prior to coating.	1 & 5 lt
8450-6-05	AQUACARE 4450 UV Revive	This polish is designed to be applied by a mop. Provides a trafficable film to refresh the surface and hide minor scratches.	1 & 5 lt
<b>Repair and Recoat Products</b>			
1012-0001	MIROTONE Coloured wax sticks: available in Teak, Pine, Oak, Jarrah, Cedar, Mahogany and Maple.	Coloured wax sticks suitable for repairing & filling small holes. Can be over coated	5 sticks same colour
1012-005-6	Mirotone Spraylac Aresol Clear coating	Used by installers to hide small scratches in some panels. ( non-flooring grade coating)	300 grams per can
8270-6-05	AQUAPRO 8270 Advance 2K water based Polyurethane Floor coating. (available in Gloss, Semi-Gloss, Satin and Matt)	This high performance 2 pack water based coating is suitable for recoat situations when the coated surface needs recoating	5 lt & 10lt
8770-B-0.5	AQUAPRO 8770 Part B hardener	To be mixed with the Advance 8270 topcoat at 10 parts part A to 1part B hardener.	500ml

Regards Ian McGregor  
National Sales Manager Flooring Coatings  
& Maintenance Systems Division

**Important information:**

All information in this document and the panels provided have been provided in good faith and should be used as a guide only. Please read the above information carefully and prepare a test area prior to application before proceeding on a large area. Mirotone only warrants the quality of the product in the can. It is your responsibility as the user, before application, to ensure that the coating system meets your requirements and is fit for the intended purpose.

**Mixed system Policy:**

Mirotone will not recognise any warranty claim from customers or third parties if any Mirotone or Polycure product has been used in a mixed system with other manufacture's products or additives. Mirotone can only warrant the quality of its own range of coatings when used in strict accordance with the recommended coating systems thinners and additives stated on Polycure or Mirotone's labels and Data Sheets.