POLYCURE

INNOVATIVE COATING SYSTEMS

Australian Owned, Australian Made

Supporting Australian Manufacturing

Product Guide

polycure.com.au

Contents

Connect with us. @polycure

Green Building Council Australia

About Us

Polycure is the name that professional floor sanders and coating tradesmen think of for quality flooring finishes.

Our product range includes water based floor coatings, moisture cure, polyurethane and oil based floor coatings, solvents, thinners, additives and floor maintenance products.

Polycure is committed to being a valued supplier to the Timber Flooring Industry by offering innovative products and coating solutions. We aim to offer a level of technical support that exceeds our customer's expectations.

Polycure is a division of the Mirotone Group, which is a leading supplier of surface coatings to protect and beautify interior and exterior timber and a variety of other substrates.

FASTASEAL® Clear Sealer Range

FASTASEAL 3030 Clear Sealer

A clear, single pack, fast sealer, which is easy to sand and has excellent adhesion to all timber species.

Excellent block to resin exudation problems in oily timbers such as Brushbox, Tallow and Spotted Gum. Can be applied under all Polycure solvent, oil based or water based coatings.

SCAN ME

FASTASEAL 3540 Fill & Seal

A clear, fast drying, high build single pack sealer.
Can be applied under all Polycure Solvent based, oil based or water based coatings.

SCAN ME

- Fast drying
- Non sanding primer (conditions apply)
- Barrier coat
- Excellent adhesion

Product Code	Pack Size	Product Description	Approx m²/Lt	Application Equip.
3528	20L	FASTASEAL 3030 Sealer	12-15m²/Lt	6mm Nap Roller & Brush
3540	20L	FASTASEAL 3540 Sealer		

FASTASEAL 3535 Clear Sealer

A versatile clear primer that may be applied in single or two pack form depending upon application requirements. Can be applied under all AQUAPRO, AQUAPRO Stains, DURAPOL and POLYTHANE coatings.

- Not recommended for application under NATUROIL Coatings.

SCAN ME

SCAN ME

FASTASEAL 3535 Part B Hardener

When mixed with FASTASEAL 3535 Clear Sealer, FASTASEAL 3535 Part B Hardener can be applied over previously coated polyurethane & engineered flooring.

Product Code	Pack Size	Product Description	Approx m²/Lt	Application Equip.
3535	10 & 20L	FASTASEAL 3535 Sealer & Primer	Bare wood: 8-10m²/Lt Recoat: 10-12m²/Lt	Mohair roller & Brush
3535-B	1L	FASTASEAL 3535 Part B Hardener		

Application Method

Coating uncoated Timber, Parquetry & Cork

Preparing the floor to a professional standard is essential for achieving the best results. Clean floor to remove all contaminates before sanding.

1. Fill all nails holes with a water based putty in the correct colour.
2. Sand uncoated floor with 120-150 grit sandpaper (ref AS4786.2-2005)
3. Apply a liberal first coat of either FASTASEAL 3030, 3540 or 3535 sealer using a 5-6mm mohair roller cover and a brush to cut in.
4. Allow to dry for 1 to 2 hours at 25℃
5. Sand with 150-180 screen back. Vacuum off all dust. (If FASTASEAL 3535 is recoated within 24 hours, sanding not required.

Handy Hints

- **Shake can thoroughly before use and stir frequently during use application a flat blade stirrer.**
- Do not apply FASTASEAL on hot floors, if the floor is hot, add wet edge to reduce the risk of picture framing and bubbling.
- Do not apply any solvent based sealer such as FASTASEAL sealer with a **flat pad applicator** as the sealer will attack the flat pad/ draw down applicator causing them to fall apart.
- Ensure the timber is thoroughly dry prior to coating.

Recommended Topcoats

- AQUAPRO Water Based Coatings
- DURAPOL Moisture Cure Coatings
- POLYTHANE Polyurethane Coatings
- NATUROIL Oil Based Coatings

*(do **not** use FASTASEAL 3535 Clear Sealer & Recoat Primer with any NATUROIL product)*

FASTASEAL® Clear Sealers

polycure.com.au

DURAPOL® Low Gloss Moisture Cure Range

DURAPOL 1012 Semi Gloss

Use as the **final coat only** in a moisture curing system to achieve a durable, highly abrasion resistant, subdued semi gloss finish.

SCAN ME

DURAPOL 1013 Super Satin

Use as the **final coat only** in a moisture curing system to achieve a durable, highly abrasion resistant, subdued satin finish.

SCAN ME

DURAPOL 1014 Low Sheen

Use as the **final coat only** in a moisture curing system to achieve a durable, highly abrasion resistant, low sheen finish.

SCAN ME

DURAPOL Silky Matt & Silky Satin

Can be used as a complete moisture curing system to achieve a durable, highly abrasion resistant, silky matt or silky satin finish.

SCAN ME

Application Method

Coating uncoated Timber, Parquetry & Cork

Preparing the floor to a professional standard is essential for achieving the best results. Clean floor to remove all contaminates before sanding.

1. Fill all nails holes with a water based putty in the correct colour.
2. Sand uncoated floor with 120-150 grit sandpaper (ref AS4786.2-2005)
3. Apply a liberal first coat of one of the DURAPOL gloss coating or FASTASEAL 3030, 3540 or 3535 using a 6mm mohair roller cover and a brush to cut in. Allow to dry overnight if using a DURAPOL coating.
4. Sand with a 150-180 screen back. Vacuum off all dust.
5. Apply a second coat of DURAPOL gloss. Allow to dry overnight.
6. Sand with a 150-180 screen back. Vacuum off all dust.
7. Apply the final coat of DURAPOL Low Gloss coating.

(Refer to "Recoat Section" for recoat method, page 40).

Product Code	Pack Size	Product Description	Approx m²/Lt	Application Equip.
5845-6	10L	DURAPOL 1012 Semi Gloss	10-20m²/Lt	5mm Nap Roller or Applicator & Brush
5845-4	10L	DURAPOL 1013 Super Satin		
5845-3	10L	DURAPOL 1014 Low Sheen		
5841-1 5841-3	5L	DURAPOL Silky Matt & DURAPOL Silky Satin	6-8m²/Lt	

Handy Hints

- Sand thoroughly between coats to ensure sound inter-coat adhesion.
- Always ensure your roller is clean and dry before starting to coat.
- Use wet edge extender on large floors to ensure a uniform result.
- In rooms with large windows, it is advisable to cover windows with black plastic to reduce the effects of sunlight & heat on the coated and uncoated floor. Uneven temperatures across the floor may cause the coating to dry to a different sheen level.
- A hot floor will dry to a higher gloss level compared to a cold floor, therefore resulting in an uneven gloss.
- As a rule if a floor is too hot to touch or walk on in socks, it is too hot to coat.

Use Polycure 3920 High Grip with DURAPOL 1012 (R11), 1013 (R11), 1014 (R12) & 5841 (R12) to achieve an Oil-Wet slip resistance rating.

Do not use Sureflow Additive 3350 in any DUARPOL Low Gloss Coatings.

- Durable, hard wearing
- Single pack
- Excellent flow and levelling
- Enhances the natural colour of the timber
- All DURAPOL coatings meet the requirements of the AS.NZS Slip resistace classifications of new pedestrian surface materials

DURAPOL® Low Gloss


polycure.com.au

DURAPOL® Gloss Moisture Cure Range

DURAPOL 1050 Max Gloss

High Solids, moisture cure polyurethane results in excellent gloss to provide a mirror finish. Provides the highest build and gloss level for a single pack coating in the Polycure range and delivers a tough, durable film.

SCAN ME

DURAPOL 1044 Cork, Timber & Concrete Gloss

A tough, moisture cure polyurethane, ideal for use on timber, cork and concrete. This universal coating can be applied over timber and concrete providing a good gloss level and a tough durable film that withstands high traffic environments.

SCAN ME

DURAPOL 1045 Super Gloss

A premium, moisture cure polyurethane. Highly abrasion resistant with an excellent high gloss finish. This uniquely formulated coating provides a very high gloss, durable film that can be applied over all timbers. The ease of application ensures a superior finish.

SCAN ME

DURAPOL 5840 Gloss

An economical, moisture cure polyurethane with excellent flow and levelling and a high gloss finish. Provides a tough durable film and a more natural looking timber floor.

SCAN ME

- Tough, hard wearing
- Single pack
- Excellent flow and levelling
- Enhances the natural colour of the timber
- All DURAPOL coatings meet the requirements of the AS.NZS 4586:2004 Slip resistace classifications of new pedestrian surface materials

Product Code	Pack Size	Product Description	Approx m²/Lt	Application Equip.
5850-9	20L	DURAPOL 1050 High Gloss	Timber: 6-8m²/Lt Cork & Particleboard: 5-7m²/Lt Subsequent coats: 8-12m²/Lt	5mm Mohair Roller & Brush
5845-9	4 & 20L	DURAPOL 1045 High Gloss		
5844-9	20L	DURAPOL 1044 Gloss		
5840-9	20L	DURAPOL 5840 Gloss		

Application Method

Coating uncoated Timber, Parquetry & Cork

Preparing the floor to a professional standard is essential for achieving the best results. Clean floor to remove all contaminates before sanding.

1. Fill all nails holes with a water based putty in the correct colour.
2. Sand uncoated floor with 120-150 grit sandpaper (ref AS4786.2-2005)
3. Apply a liberal first coat of DURAPOL gloss coating or FASTASEAL 3030, 3540 or 3535 using a 5-6mm mohair roller cover and a brush to cut in. Allow to dry overnight if using a DURAPOL coating.
4. Sand with a 150-180 screen back. Vacuum off all dust.
5. Apply a second coat of DURAPOL gloss. Allow to dry overnight.
6. Sand with a 150-180 screen back. Vacuum off all dust.
7. Apply the final coat of DURAPOL gloss coating.

(Refer to "Recoat Section" for recoat method, page 40).

Handy Hints

- Sand thoroughly between coats to ensure sound inter-coat adhesion.
- Always ensure your roller is clean and dry before starting to coat.
- Don't over thin the first coat as it may cause edge bonding or glueing.
- Only pour sufficient coating to complete the job. Replace the lid immediately as exposure to the environment can cause the product quality and performance to be affected.

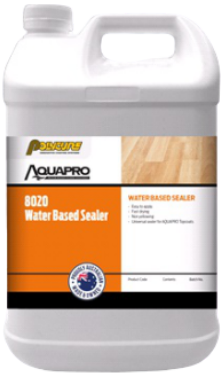
Use Polycure 3920 High Grip with DURAPOL 1045 Super Gloss to achieve an R11 Oil-Wet slip resistance rating.

DURAPOL® High Gloss


polycure.com.au

AQUAPRO® Water Based Range

AQUAPRO 8020 Clear Sealer



A single pack, clear, water based sealer for use on interior timber, parquetry, particleboard and cork flooring. AQUAPRO 8020 has very low VOC (solvent) content and contains no formaldehyde or isocyanates, making it safer for applicators, building occupants and the environment. It is easy to apply, non yellowing, high solids and easy to sand. An ideal first coat in an AQUAPRO Water Based coating system.

AQUAPRO 8068 Hitek Water Based Floor Finish

SCAN ME

A single pack, water based floor finish that is easy to use, dries quickly and does not rely on mechanical sanding to achieve inter-coat adhesion. It has excellent abrasion & chemical resistance.

Use AQUAPRO 8930 Sure Grip Additive with AQUAPRO 8068 & 8270 to achieve an R10 Oil-Wet Slip resistance rating.

Product Code	Pack Size	Product Description	Approx m²/Lt	Application Equip.
8020	5 & 10L	AQUAPRO 8020 Sealer	12-15m²/Lt Coverage is dependent upon the porosity of the timber	10mm Nap roller cover & Brush
8068-1 8068-3 8068-9	5 & 10L	AQUAPRO 8068 Sealer & Topcoat		

Application Method

Coating uncoated Timber & Parquetry - ***AQUAPRO 8068 Hitek -1K***

Preparing the floor to a professional standard is essential for achieving the best results. Clean floor to remove all contaminates before sanding.

1. Fill all nails holes with a water based putty in the correct colour.
2. Sand uncoated floor with 120-150 grit sandpaper (ref AS4786.2-2005)
3. Apply a liberal first coat of FASTASEAL 3535, 3030 or 3540 or AQUAPRO 8020 or 8068 using a 6mm nap roller for FASTASEAL or 10mm nap for AQUAPRO products. Allow to dry.
4. Sand with a 150-180 screen back. Vacuum off all dust.
5. Apply a second coat of AQUAPRO 8068. Allow to dry overnight.
6. Sand with a 180-220 screen back. Vacuum off all dust.
7. Apply the final coat of AQUAPRO 8068.

(Refer to "Recoat Section" for recoat method, page 40).

Handy Hints

- When raining or in high humidity environments the coating may go cloudy in appearance and will take a lot longer to dry. The coating will appear clear when dry.
- Application on hot floors may result in roller and join marks. Use Wet Edge Extender 3320 to improve flow and to provide a uniform even dry film and sheen level.
- Always apply the recommended film build to provide adequate protection for the timber. **Low coating film builds will result in the water and contaminates staining the timber through the coating.**

AQUAPRO 8270 Advance 2K Water Based Floor Finish

A high performance, two pack, water based floor finish recommended for application to interior parquetry, timber, particleboard and cork flooring. AQUAPRO 8270 Advance 2K has exceptional abrasion resistance and excellent chemical and black heal mark resistance (BHMR). Highly suitable for commercial and high traffic environments. AQUAPRO 8270 Advance 2K is easy to apply and flows and levels well with low risk of lap marking. This non yellowing, environmentally friendly coating has very low VOC (solvent) content and is safer for contractor or/applicators and building occupants. Mix 10A:1B.

AQUAPRO 8210 UltiMATTE 2K Water Based Floor Finish

A high performance, two pack, water based, low gloss floor finish that has exceptional abrasion and chemical resistance and is ideal for commercial and high traffic environment where a low gloss, "raw uncoated" finish is required. AQUAPRO 8210 UltiMATTE 2K is easy to apply, and has exceptional abrasion and chemical resistance. Environmentally friendly, low VOC (solvent) content is safer for contractor or/applicators and building occupants. Mix 10A:1B - *for use on Pine species or softwoods a sealer is advised.*

AQUAPRO 8770 Advance 2K Hardener

Part B Hardener. For use with AQUAPRO 8270 Advance 2K Water Based Floor Finish and AQUAPRO 8210 UltiMATTE 2K Water Based Floor Finish.

SCAN ME

Product Code	Pack Size	Product Description	Approx m²/Lt	Application Equip.
8270-1A 8270-3A 8270-9A	5 & 10L	AQUAPRO 8270 Topcoat	12-15m²/Lt Coverage is dependent upon the porosity of the timber	10mm Nap roller Applicator & Brush
8210-0A	5 & 10L	AQUAPRO 8210 Sealer & Topcoat		
8770-450ML	0.45L	AQUAPRO 8770 Hardener	-	-

Application Method

*Coating uncoated Timber & Parquetry - **AQUAPRO 8270 Advance - 2K***

Preparing the floor to a professional standard is essential for achieving the best results. Clean floor to remove all contaminates before sanding.

1. Fill all nails holes with a water based putty in the correct colour.
2. Sand uncoated floor with 120-150 grit sandpaper (ref AS4786.2-2005)
3. Apply a liberal first coat of FASTASEAL 3535, 3030 or 3540 or AQUAPRO 8020 using a 6mm nap roller for FASTASEAL or 10mm nap for AQUAPRO products. Allow to dry.
4. Sand with a 150-180 screen back. Vacuum off all dust. Apply a second coat of AQUAPRO 8270 mixed 10A:1B with AQUAPRO 8770 Part B. Allow to dry overnight.
5. Sand with a 180-220 screen back. Vacuum off all dust.
6. Apply the final coat of AQUAPRO 8270 mixed 10A:1B with 8770 Part B.

(Refer to "Recoat Section" for recoat method, page 40).

Application Method

Coating uncoated Timber & Parquetry - ***AQUAPRO 8210 UltiMATTE- 2K***

Preparing the floor to a professional standard is essential for achieving the best results. Clean floor to remove all contaminates before sanding.

1. Fill all nails holes with a water based putty in the correct colour.
2. Sand uncoated floor with 150-180 grit sandpaper (ref AS4786.2-2005)
3. **To achieve an uncoated raw appearance:** Apply a liberal first coat of AQUAPRO 8210 UltiMATTE (as a sealer coat) directly to the raw flooring using a 10mm nap roller cover and good quality brush to cut in around skirting boards and edges. Allow to dry. Conditions apply.
4. **For Tannin Prone or Problem Timbers:** Polycure recommends the use of FASTASEAL 3535 to reduce the risk of tannin bleed. Note: the application of FASTASEAL 3535 as the first coat on raw timber will enhance the natural colour of the timber, providing a deeper rich colour to the floor.
5. Thoroughly sand the coated floor with 180 grade sandpaper or screenback, remove all nibs, fluff and fur. Vacuum off all dust. Take care to avoid scratching the surface.
6. Apply another coat of AQUAPRO 8210 UltiMATTE. Allow to dry for 3-4 hours.
7. If required, sand floor with 180-220 grade sandpaper or screenback. Vacuum all dust.
8. Apply an even wet uniform final coat of AQUAPRO 8210 UltiMATTE.

- Low odour
- Low VOC
- Easy to apply
- Fast drying
- All AQUAPRO coatings meet the requirements of the AS.NZS 4586:2004 Slip resistance classification of new pedestrian surface materials

AQUAPRO® UltiMATTE

polycure.com.au

AQUAPRO® Recoat Primer

AQUAPRO 8290 Recoat Primer Finish

A two pack product designed to provide excellent adhesion over prefinished flooring when sanding may not be possible e.g. distressed, brushed or textured finishes.
Ideal for use when the floor starts to show signs of wear and needs to be refurbished or if the gloss level is to be changed.

SCAN ME

AQUAPRO 8790 Part B Hardener

Part B Hardener for use with AQUAPRO 8290 Recoat Primer Finish.

SCAN ME

- Easy to use system
- Fast dry, 2 hour recoat
- Water based, low odour
- Water wash up
- Dual use:
  Primer - overcoat with AQUAPRO Topcoat
  Finish - Use as single coat to acheive a matt finish

Product Code	Pack Size	Product Description	Approx m²/Lt	Application Equip.
8290-9A	2L	AQUAPRO 8290 Primer & Topcoat	Recoat Primer 20m²/Lt	10mm Nap roller
8790-B	2L	AQUAPRO 8790 Part B Hardener	Matt Topcoat 15m²/Lt	

	AQUAPRO 8290 Recoat Primer System	AQUAPRO 8290 Final Coat Single System
Clean / Preparation	All defects and indentations will need to be rectified before applying the coating. Vacuum floor to remove dust and debris. Mop floor with AQUACARE 8430 Floor Clean & Degreaser mixed 1 Part Cleaner to 10 Parts water. For heavily soiled floors, a polyvac with green pad disc can be used to remove the AQUACARE 8430 Floor Clean and Degreaser – then rinse with water to neutralise. **Damp mop floor with warm water and half a cup of methylated spirits per household bucket to completely remove any residual AQUACARE 8430.** Allow to dry. Vacuum floor to remove dust and debris.	All defects and indentations will need to be rectified before applying the coating. Vacuum floor to remove dust and debris Mop floor with AQUACARE 8430 Floor Clean & Degreaser mixed 1 Part Cleaner to 10 Parts water. For heavily soiled floors, a polyvac with green pad disc can be used to remove the AQUACARE 8430 Floor Clean and Degreaser – then rinse with water to neutralise. **Damp mop floor with warm water and half a cup of methylated spirits per household bucket to completely remove any residual AQUACARE 8430.** Allow to dry. Vacuum floor to remove dust and debris.
First Coat	Apply a coat of mixed AQUAPRO 8290 Recoat Primer using a 10mm roller. Allow to dry.	Apply a coat of mixed AQUAPRO 8290 Recoat Primer/Finish using 10mm roller.
Second or Third Coat	Apply a coat of AQUAPRO 8270 2K Advance Topcoat in the gloss level of your choice.	N/A.

MIXING RATIO

1 Part AQUAPRO 8790 Part B to 10 Parts AQUAPRO 8290 Recoat Primer. 10A:1B.

NATUROIL® Oil Modified Range

NATUROIL 3100 Gloss

A single pack, clear, oil based floor coating which will enhance and protect the natural appearance of timber and parquetry floors.

SCAN ME

Not recommended for use on coloured cork, limed or very light timber species.

- Single pack
- Minimises edge bonding
- Excellent Flow & Levelling
- Natural colour enhancement
- All NATUROIL coatings meet the requirements of AS.NZS 4586:2004 Slip resistance classification of new pedestrian surface materials

Use with Polycure 3920 High Grip with NATUROIL 3100 (R11), 3115 (R12) or 3120 (R12) to achieve an Oil-Wet slip resistance rating.

NATUROIL 3115 Low Sheen

Use as the final coat to achieve a low sheen finish over NATUROIL 3100 Gloss.

SCAN ME

NATUROIL 3120 Tung Oil Sealer

A low sheen, single pack, clear, oil based floor coating which will enhance and protect the natural appearance of timber and parquetry floors.

SCAN ME

NATUROIL 1499 Accelerator

Catalyst to improve drying and through cure. Formulated to speed up drying time of NATUROIL 3100 and 3115.

SCAN ME

NATUROIL 3180 Decking Oil

An oil based decking oil, ideally suited for external decking, handrails and garden furniture.

SCAN ME

Application Method

Coating uncoated Timber & Parquetry -

Preparing the floor to a professional standard is essential for achieving the best results. Clean floor to remove all contaminates before sanding.

1. Fill all nails holes with a water based putty in the correct colour.
2. Sand uncoated floor with 120-150 grit sandpaper (ref AS4786.2-2005)
3. Apply a liberal first coat of NATUROIL or FASTASEAL 3030 using a 6mm mohair roller cover and a brush to cut in. Allow to dry overnight if using a NATUROIL coating.
4. Sand with a 150-180 screen back. Vacuum off all dust.
5. Apply a second coat of NATUROIL. Allow to dry overnight.
6. Sand with a 150-180 screen back. Vacuum off all dust.
7. Apply the final coat if NATUROIL.

(Refer to "Recoat Section" for recoat method, page 40).

Contact Polycure Technical for Winter months drying and application.

Handy Hints

- **All coats of NATUROIL must be allowed to dry thoroughly before applying any additional coatings, as frying may occur. During low temperatures allow longer dry time.**
- Applying NATUROIL over oily timbers will result in the coating taking longer to dry.
- **NATUROIL is ideally suited for timber floors that may be affected by movement and where there is a concern on edge bonding and whether the floor has been correctly acclimatised.**
- NATUROIL provides the deepest colour to the timber.
- **Always dispose of all coating sanding dust and any rags contaminated with coating in an open rubbish bin. Do not leave in your sanding bag, vacuum, edger bag or any sealed containers as the dust can combust and start a fire**.
- Only wash your coating equipment in Mineral Turps.

Product Code	Pack Size	Product Description	Approx m²/Lt	Application Equip.
1400-9	10L	NATUROIL 3100 Gloss	Timber: 6-8m²/Lt Cork & Particleboard: 5-7m²/Lt	4-5mm Nap roller & Brush
1400-6	10L	NATUROIL 3115 Low Sheen	12-15m²/Lt Coverage is dependent upon the porosity of the timber	
1420	10L	NATUROIL 3120 Low Sheen		
1499	1L	NATUROIL 1499 Catalyst	-	-
1480	10L	NATUROIL 3180 Decking Oil	Softwood:12-15m²/Lt Hardwood:10-15m²/Lt	Brush, Applicator & Soft Bristle

POLYTHANE® Two Pack Gloss

POLYTHANE 2043 A/B Two Pack Gloss

A high performance, two pack, gloss polyurethane for timber, cork and parquetry flooring. It is extremely durable and ideally suited for environments where improved chemical resistance and durability is required. An easy to apply coating that can be applied in a three coat system resulting in the highest gloss level in the Polycure range.

SCAN ME

Application Method

Coating uncoated Timber & Parquetry -

Preparing the floor to a professional standard is essential for achieving the best results. Clean floor to remove all contaminates before sanding.

1. Fill all nails holes with a water based putty in the correct colour.
2. Sand uncoated floor with 120-150 grit sandpaper (ref AS4786.2-2005)
3. Apply a liberal first coat of either FASTASEAL 3030 or POLYTHANE Gloss using a 6mm mohair roller cover and a brush to cut in. Allow the POLYTHANE to dry overnight.
4. Sand with a 150-180 screen back. Vacuum off all dust.
5. Apply a second coat of POLYTHANE Gloss.
6. Allow to dry overnight.
7. Sand with a 150-180 screen back. Vacuum off all dust.
8. Apply the final coat of POLYTHANE Gloss.

Handy Hints

- Check with your timber supplier before applying on new timber floors.
- Always ensure that POLYTHANE Part A and B are mixed at the correct mixing ratio (1A:1B). **The addition of more Part B hardener will cause the coating to yellow and to become brittle. Not adding the correct amount of Part B will result in the coating not drying correctly.**
- If adequate time is not left for the coating to dry between coats, the drying of the entire coating system will be affected.

- High Build
- Hard Wearing
- Excellent Flow & Levelling
- Meets the requirements of the AS. NZS 4586:2004 Slip resistance classification of new pedestrian surface materials
- Use Polycure 3920 High Grip with POLYTHANE 2043 to achieve an R11 Oil-Wet slip resistance

Product Code	Pack Size	Product Description	Approx m²/Lt	Application Equip.
5540-9A	20L	POLYTHANE 2043 Topcoat	Timber 6-8m²/Lt Cork & Particleboard 5-7m²/Lt	4-5mm Nap roller or Applicator & Brush
5740-B	20L	POLYTHANE 2043 Part B Hardener		

POLYTHANE® Gloss

polycure.com.au

TITAN Fast Sealer & Gloss Moisture Cure

TITAN Fast Sealer

An economical, fast drying sealer.

SCAN ME

TITAN MC Gloss Moisture Cure

An economical moisture curing polyurethane with excellent flow and levelling and a high gloss finish.

SCAN ME

Application Method

Coating uncoated Timber & Parquetry -

Preparing the floor to a professional standard is essential for achieving the best results. Clean floor to remove all contaminates before sanding.

- Single pack
- Easy to apply
- Easy to sand sealer
- Durable topcoat
- Meets the requirements of the AS.NZS 4586:2004 slip resistance classification of new pedestrian surface materials

1. Fill all nails holes with a water based putty in the correct colour.
2. Sand uncoated floor with 120-150 grit sandpaper. (ref AS 4786.2-2005)
3. Apply a liberal first coat of either TITAN Fast Sealer or TITAN Gloss using a 4-5mm mohair roller cover and a brush to cut in. Allow the sealer to dry for 30 minutes to 1 hour or overnight if using TITAN Gloss.
4. Sand with a 150-180 screen back. Vacuum of all dust.
5. Apply a second coat of TITAN Gloss. Allow to dry overnight.
6. Sand with 150-180 screen back. Vacuum of all dust
7. Apply the final coat of TITAN Gloss.

Product Code	Pack Size	Product Description	Approx m²/Lt	Application Equip.
3510	20L	TITAN Sealer	Timber 12-15m²/Lt Cork & Particleboard	6mm Mohair roller & Brush
5846-9	20L	TITAN MC Gloss	Timber 6-8m²/Lt Cork & Particleboard 5-7m²/Lt	


TITAN
polycure.com.au

Polycure Stains

AQUAPRO 2120 Water Based Dye Stain

A water based dye stain designed to be applied directly over raw timber to enhance the natural appearance of the timber. It is available in 8 bright vibrant colours which can be blended to promote an unlimited colour range. Apply by brush, wiping, roller or applicator – no need to wipe off.

SCAN ME

AQUAPRO 2770 Water Based Pigment Liming Stain

A water based pigment stain designed to achieve a uniform consistent colour that softens the grain definition providing a colour washed effect. Available in white and pastel colours for lime wash effect. Apply by brush, wiping or applicator before wiping off.

SCAN ME

DURASTAIN 2025 Dye Stain

A solvent based dye stain designed to be applied directly over raw timber to enhance the natural appearance of the timber. It is available in 8 bright vibrant colours which can be blended to promote an unlimited colour range. Apply by brush, wiping, roller or applicator – no need to wipe off.

SCAN ME

Preparation -

Prepare a test area to check colour and application.

- **Prepare the surface by filling nail holes and imperfections with a water based putty in a colour close to the stain colour. Allow to dry.**
- Sand floor per AS 4786.2-2005 standard to produce a defect and scratch free surface. Finish sanding with 120-180 screen back paper fitted to a rotary sanding machine.
- Ensure floor is defect and scratch free before applying the stain. Scratches and imperfections may be highlighted by the stain

Staining -

Preparing the floor to a professional standard is essential for achieving the best results. Clean floor to remove all contaminates before sanding.

1. Reduce enough stain for the entire floor to ensure colour consistency.
2. Work from a corner as you would when coating a small room, apply the stain to strip flooring along the direction of the grain.

Important Note

Before starting, ensure that all sources of sunlight and heat are removed as this will affect the floor area prior to and during application. Cover glass windows and doors with plastic or paper and seal off any draughts that may cause the stain to dry faster.

3. Ensure to only cut in a small distance in front of your brush, roller or applicator. So NOT pour or pool stain on the floor.
4. Apply the stain in an even application from the narrowest part of the floor from side to side until the whole room is stained. Even application is essential to ensure a uniform colour.
5. Allow to dry overnight before applying coatings. Cold, wet or humid weather may extend drying time.
6. Refer to relevant datasheet for sealer/topcoat.

Product Code	Pack Size	Product Description	Approx m²/Lt	Application Equip.
2120	1 & 5L	AQUAPRO 2120 Water Based Dye Stain	10-20m²/Lt	Brush, rag, roller or applicator - wipe on and leave or wipe on wipe off.
2770	1 & 5L	AQUAPRO 2770 Pigment Stain	15-25m²/Lt	
2025	1 & 5L	AQUAPRO 2025 Solvent Based Dye Stain	10-20m²/Lt	

2770 Colours -
#0002 Liming White #6016 Greystone #6031 Ebony #0050 Puff Haze #6022 Navajo #6042 Black Japan #6012 Butternut #6022 Merbau

2120 & 2025 Colours -
#5000 Yellow #6007 Teak #8000 Blue #6001 Maple #6008 Walnut #9999 Black #6004 Oak #7000 Red


POLYCURE
INNOVATIVE COATING SYSTEMS

AQUAPRO 2770 Water based Dye Stain

AQUAPRO 2770 is a water based dye stain designed to achieve consistent colour with excellent clarity. It is available in 8 bright vibrant colours which can be blended to promote an unlimited colour range.

Black Japan
Butterscotch
Ebony
Grey Stone
Merbau
Navajo
Puff Haze
Liming Wash

The colours shown on this palette are to be used as a guide only. Actual colours will vary due to computer monitor displays and how individuals see colour. The final appearance of the stain is affected by many factors including timber colour species and number of coats of the stain. (Higher number of coats results in darker colour). It is up to the user to test and confirm the colour on a sample board before application. This colour chart should be used as an indicative guide of colour only. This Stain Guide is based on information in Mirotone's possession at the "date of issue". Amendments to the Stain Guide can be made at any time. Users should check that this Stain Guide is still current before applying coatings as per the information contained within.

For further information and supply of the Polycure Stain coatings contact:
Toll Free: 1300 132 202
Visit: www.polycure.com.au
Follow us: @polycure

2nd March 2020


POLYCURE
INNOVATIVE COATING SYSTEMS

AQUAPRO 2120 Water based & DURASTAIN 2025 Solvent Based Stains

AQUAPRO 2120 is a water based dye stain designed to achieve consistent colour with excellent clarity. DURASTAIN 2025 is an easy to use, solvent based dye stain designed to accentuate the grain with excellent clarity. Both stains are available in 8 bright vibrant colours which can be blended to promote an unlimited colour range.

Black
Maple
Oak
Teak
Walnut
Red
Blue
Yellow

The colours shown on this palette are to be used as a guide only. Actual colours will vary due to computer monitor displays and how individuals see colour. The final appearance of the stain is affected by many factors including timber colour species and number of coats of the stain. (Higher number of coats results in darker colour). It is up to the user to test and confirm the colour on a sample board before application. This colour chart should be used as an indicative guide of colour only. This Stain Guide is based on information in Mirotone's possession at the "date of issue". Amendments to the Stain Guide can be made at any time. Users should check that this Stain Guide is still current before applying coatings as per the information contained within.

For further information and supply of the Polycure Stain coatings contact:
Toll Free: 1300 132 202
Visit: www.polycure.com.au
Follow us: @polycure

2nd March 2020

Visit: www.polycure.com.au to download a copy of the Stain Colour Charts.


MLX
XVII
Furniture


polycure.com.au

Polycure Sports Floor Coatings

AQUAPRO Sports Gloss

A high performance, two pack, water based floor finish that has exceptional abrasion and chemical resistance and black heal mark resistance. Ideally suited for application to sports floors such as basketball courts, gymnasiums and multifunction halls. Fast drying it allows more than one coat to be applied in a day reducing the time the floor is out of service.

SCAN ME

- Easy to apply with excellent flow and levelling
- Excellent chemical and abrasion resistance
- Fast drying
- Low VOC
- Must be used AQUAPRO Sports Part B Hardener to achieve ultimate chemical resistance

AQUAPRO 8780 Sports Gloss Part B

Part B Hardener for use with AQUAPRO Sports Gloss.

SCAN ME

NATUROIL Sports Gloss

A single pack, clear oil based topcoat for application to bare wood to enhance and protect the natural appearance of interior timber floors. Easy to apply, with excellent flow and levelling, it is ideally suited for application to sports floors such as basketball courts, gymnasiums and multifunction halls.

- Easy to apply with excellent flow and levelling
- Excellent inter-coat adhesion to both itself and AQUAPRO Sports water based topcoat
- Minimises the risk of edge bonding/glueing
- Can be applied by both roller and drag bar applicator

SCAN ME

Product Code	Pack Size	Product Description	Approx m²/Lt	Application Equip.
1440-9	10 & 20L	NATUROIL Sports	10-12m²/Lt Coverage is dependent upon the porosity of the timber	Roller or Applicator & Brush
8280-9A	20L	AQUAPRO Sports	18-20m²/Lt Coverage is dependent upon the porosity of the timber	Mohair or Microfibre Roller or Drag Bar Applicator & Brush
8780-B	2L	Part B Hardener	-	-

	System 1	System 2	System 3	System 4
Sealer **Line Marking** **First Topcoat** **Second Topcoat**	NATUROIL Sports Optional NATUROIL Sports NATUROIL Sports	FASTASEAL 3030 Optional NATUROIL Sports NATUROIL Sports	NATUROIL Sports Optional AQUAPRO Sports AQUAPRO Sports	FASTASEAL3030 Optional AQUAPRO Sports AQUAPRO Sports

AQUACARE® Floor Coatings

AQUACARE 8400 Revive Gloss

A clear sacrificial water based maintenance coating for interior timber and parquetry floors. It has been formulated to be applied to floors which have previously been coated with a full conventional solvent based polyurethane, oil or water based coating system.

SCAN ME

AQUACARE 8430 Floor Clean & Degreaser

AQUACARE 8430 Floor Clean & Degreaser is a powerful, easy to use, water based cleaner and degreaser for concrete floors and previously coated interior timber floors. AQUACARE 8430 Floor Clean & Degreaser comprises the essential first step for successfully recoating your timber floor.

SCAN ME

AQUACARE 8440 Floor Clean Concentrate

A powerful detergent used for cleaning Polycure's range of floor coatings. AQUACARE Floor Clean Concentrate is designed to help the floor owner to maintain and revitalise natural timber floors.

SCAN ME

Product Code	Pack Size	Product Description	Approx m²/Lt	Application Equip.
8400-9	5L	AQUACARE 4400 Gloss Revive	25m²/Lt Approx.	Lint free mop or squeegee sponge mop
8430	1 & 5L	AQUACARE 8430 Floor Clean & Degreaser	25m²/Lt Approx.	
8440	1 & 5L	AQUACARE 8440 Floor Clean Concentrate	10-20m²/Lt	


polycure.com.au

Ancillary - Solvents, Thinners & Additives

AQUAPRO 1320 Slow Stain Reducer

Designed for use on large floors or in hot conditions that require overnight dry. Use in conjunction with AQUAPRO 2120 WB Dye Stain & AQUAPRO 2770 WB Pigment stain.

SCAN ME

AQUAPRO 1330 Medium Stain Reducer

Designed to be used in small areas where a faster drying system is required, or in cooler conditions. Use in conjunction with AQUAPRO 2120 Water Based Dye Stain.

AQUAPRO 4300 Wet Edge Extender

Designed to be used in small areas where a faster drying system is required, or in cooler conditions. Use in conjunction with AQUAPRO 2120 Water Based Dye Stain.

SCAN ME

MIROSHIELD UV 8910

UV Absorber Additive.

AQUAPRO 8930 Sure Grip Additive

A slip resistance additive designed to be added to AQUAPRO 8068 Hitek and AQUAPRO 8270 Advance 2K to achieve an R10 (Oil-Wet Ramp Slip Resistance Rating).

SCAN ME

Wet Edge Extender 3320

Extends the open time of Polycure polyurethane coatings in very high/low temperature and/or humidity and/or dry windy atmospheric conditions are present.

Thinners 3310
Formulated for use in DURAPOL coatings.

Super Cleaning Solvent 3300
A blend of solvents formulated for cleaning tools used in the application of polyurethane. It is suitable for cleaning DURAPOL Moisture Cure and POLYTHANE Two Pack Polyurethanes coating.

SCAN ME

POLYCURE 3920 High Grip Additive
A slip resistance additive designed to be added to Polycure's range of solvent based coatings to achieve an R10 (Oil-Wet Ramp Slip Resistance Rating).

SCAN ME

Sureflow Additive 3350
When added into DURAPOL Moisture Cure coatings, in the recommended ratio, this additive will minimise the rejection problems normally caused by wax, oils and other common household contaminants.
DO NOT USE WITH DURAPOL SILKY RANGE.

SCAN ME

DURAPOL 5995 Accelerator
Speeds up the dry time of DURAPOL coatings.

Recoating Timber, Parquetry or Cork

1. Clean floor with AQUACARE 8440 Floor Clean Concentrate or AQUACARE 8430 Floor Clean & Degreaser.
2. Sand floor with 120-150 grade sandpaper or screen back on a flexible pad to ensure floor is uniformly dull with no sanding scratches, nibs or fur. Vacuum thoroughly. Take care to avoid scratching the surface.
3. Apply the chosen coating per the directions on the product datasheet.
4. Optional: Apply a second coat of the chosen coating.

Warning: All coatings provide protection for the substrate, however no coating is indestructible and all coatings will mark or scratch. Sharp objects including sand and grit will scratch the surface of any coated floor. In high traffic commercial environments such as hair dressing salons, night clubs or taverns several factors need to be considered when choosing a coating system such as the amount of traffic, moisture, alcohol and chemicals likely to come into contact with the floor. A thorough cleaning and maintenance program must be implemented after the coating system has thoroughly dried to help to maintain the coating.

Maintenance

After your floor has been coated, be sure to follow the guidelines below to minimise the risk of scratching and scuffing.

- Walking on floor with socks or stockings 24 hours
- Replacing furniture 2-3 days (longer is possible)
- Replacing mats and rugs 3-4 weeks
- Damp mopping 2-4 weeks

When the floor is dry enough to walk on (normally 24 hours), open all the doors and windows to circulate the air. This is important to ensure proper curing of the coating.

Ongoing Care

- Place door mats outside all entrances and ideally a soft mat inside each entrance to help remove sand, grit and small stones from shoes. When sand and grit is walked over the floor it is abrasive and acts like sandpaper and causes damage.
- If possible use mats in high traffic area e.g. near the sink and/or oven and hot plates.
- Use floor protectors on furniture legs.
- Keep pet claws trimmed to minimise scratching.
- Regularly sweep the floor with an antistatic mop to prevent the build-up of grit. Be careful with vacuum cleaners as the cleaning heads and bristles could scratch the floor.
- Remove any spills immediately and spot clean as required.
- Avoid direct sunlight where possible. Use blinds and curtains to reduce fading and discolouration of timber.
- Wash the floor with a pH neutral cleaner designed for timber floors such as AQUACARE 8440 Floor Clean Concentrate.
- Do not use methylated spirits.
- Do not use too much water whilst mopping (damp mop only) as too much moisture can damage the timber.
- Do not use polishes or household cleaners - particularly those that contain ammonia - as they may damage the floor coating.
- Avoid dragging furniture over timber floors.
- Avoid walking on the floor with stilettos at all times as these can dent the floor.

Sanding

- Sand thoroughly between coats to ensure sound inter-coat adhesion.
- Always use correct sandpaper or screen back to sand the coated or uncoated timber. The wrong grit can cause scratching.
- Ensure that sandpaper and screen backs are replaced regularly so that they continue to "cut" the raw or coated floor. If they are worn they will burnish the floor which will compromise the inter-coat adhesion between coats and result in delamination.

Effects of Temperature at Application

- Always apply coatings at the temperature recommended on the product data sheet.
- In cold conditions the viscosity / thickness will increase which can cause the coating to dry with an uneven appearance (orange peel).
- Placing the can in the sun or in hot water to heat the coating or adding Polycure thinners will reduce the viscosity, which will result in improved flow and levelling.

- In hot conditions, high temperature floors will cause the coating to skin and result in bubbling. This is due to the coating surface drying and air being trapped in the coating. Adding Wet Edge Extender will improve flow and levelling and reduce the risk of bubbling.
- As a rule if the floor is too hot to touch or walk on with socks, it is too hot to coat.
- Draughts from doorways, windows and any open areas will cause the coating to dry quickly resulting in bubbling.
- To reduce these issues only apply coatings in areas that are not affected by draughts or seal openings and gaps with tape.

Troubleshooting

Possible Cause	Prevention or Remedy
Adhesion / Delamination	
• Contaminated timber or coating can result in the coating not drying or adhering to the timber or coating below. • Old or blunt screenbacks or sandpaper will result in the coating or timber being polished , rather than cut, which can result in the next coating not adhering. • The choice of grit screenbacks and sandpaper is critical, a grit that is too fine will result in the mechanical key not being adequate and the next coat being applied not sticking.	• Sound adhesion is critical to reduce the risk of coating failure on your timber floor, do not over use the screenback or sandpaper as it will lose the cutting power. • Choose the correct grade of screenback or sandpaper to ensure an adequate mechanical key is achieved. • Always thoroughly sand between coats. • Where possible, sand on the same day that you plan to apply the next coating. • Clean all coated floors prior to sanding.
Application Marks	
• Caused by uneven application of a coating, these can be lap marks, stop marks and missed areas in the dry coating. • High draft can also affect the drying and flow of any coating. • The application of any coating in hot conditions can result in the coating drying to an uneven dry film.	• The addition of Polycure Wet Edge Extender into most coatings will help to overcome the effects of heat and draught during its application and drying. • Choose the correct time of day to apply the coating as application on a hot floor will cause the coating to dry faster than normal , late afternoon or evening can improve the application and finished appearance.
Bubbling	
• Bubbling is a result of the coating drying before the trapped solvent can escape from the wet coating. • Coating applied in a thick film can result in the air from the open grain of the timber being trapped in the dry film. • Applying a coating onto a hot floor will result in solvent boil which is the solvent trying to leave the wet film but becoming trapped in the dry film. • Over rolling of fast drying coatings will cause the coating to dry with bubbles due to the coating becoming aerated.	• In cold conditions always thin out the coating with Polycure thinners to lower the film build and allow the air from the timber to release from the wet film. • In hot conditions add Polycure Wet Edge Extender to slow the drying of the coating allowing it to flow and level, allowing the solvent to release from the dry film. • For floors that have dried with bubbles or solvent boil, sand and recoat with the same coating with POLYCURE Wet Edge Extender or thinners added.
Chemical Resistance	
• Bleach, alcohol, acids, some cleaning agents and certain household foods will cause staining. • Incorrect choice of coating system and floor can result in the coating and timber being damage, this will depend on the in-service use of the floor. There is a clear difference between choosing a coating system for a coated timber floor durability and for chemical resistance e.g. a floor in a hair salon that may have chemicals and contaminates spilt on it.	• Keep all chemicals, cleaning products, food stuffs and even water away from raw veneer. • All marks and stain have to be removed by sanding prior to coating. • If the timber becomes stained, sanding is the first option. If the coating is stained, sand the surface until the stain had been removed and in some cases it may be necessary to resand the entire floor, not just one area.

Possible Cause	Prevention or Remedy
Cobwebbing or Swirl Marks	
• Cobwebbing is the result of the rotary sanding action leaving circular scratch marks in the timber or coating. • This can be caused by using a screenback or sandpaper that is too aggresive or because random sanding partices or grit become trapped between the sanding machine and the timber floor. • Coating not being fully dry prior to sanding.	• Choose the correct sanding grit to sand the raw timber and the coating. Coarse grit will scratch and not sand the timber resulting in noticeable circular scratch marks. • If marks are present they need to be removed by using a finer sanding grit prior to the next coating being applied. • Down lights tend to highlight these circular sanding marks, using low gloss coatings can help hide these marks • Flat plate orbital sanding machines will greatly reduce these sanding marks as they do not sand in a circular action.
Contamination / Dust in the Coating	
• Air born contamination can come from many sources including: sanding, roof cavities, application equipment and the person applying the coating. • Dust and grit from the sanding process can become trapped in the wet film during the drying process resulting in the dry film being unacceptable.	• Always filter final coats. • Thorough cleaning of the entire area prior to applying and coating is critical. • Ensure the equipment is clean and not contaminated before applying and coating, new rollers should not be used on the last coat to reduce the risk of contamination form the rollers. • Only use compatible solvents to clean the application equipment to reduce the risk of contamination from gelled coating in the roller and brushes. • When applying any coating do not wear clothing that will shed particles or fibres.
Damage to Coatings	
• The choice of coating and timber is important and should be based on the end environment that the floor will be installed into. • The correct choice of timber impacts the serviceability of the floor. • The wrong choice of coating will result in a variety of problems with the coating and the performance of the coated floor. Floors coated in the wrong coating choice can become stained and wear prematurely. • Sharp or heavy objects will damage coatings and the timber underneath the coating.	• Hard traffic environments need to have a dense hardwood installed to provide a sound base that will not dent or impact easily. • The correct coating is critical to reduce the risk of impact damage. Applying a hardwearing coating system over a soft wood will not improve the woods resistance to being dented. • DURAPOL coatings will provide the best option for floors installed in high traffic locations. • Choosing a tough coating is not the only requirement, ongoing maintenance is critical to ensure the life of the floor.

Possible Cause	Prevention or Remedy
Discolouration of Timber	
• Direct or indirect UV light (sunlight) will cause timber flooring to change colour. In some cases the colour change can happen in a matter of hours. the coating in many cases may hide the change slightly however it will not stop the timber from changing the colour, sometimes becoming darker or developing a yellow tone.	• The timber choice can reduce the effects of colour change. • A low yellowing coating system will prevent yellowing of the coating but will not protect the timber floor underneath the coating from the ageing / discolouration effects of temperature and sunlight. Note: to reduce the effects of UV light on the timber, have UV filter applied to all glass areas or block light.
Edge Bonding	
• Coating acts as an adhesive between the floor boards glueing them together. If the floor shrinks the actual boards can split. • Normally the result of a floor moving unevenly due to poor acclimation of the timber	• Minimise shrinking by ensuring that the timber is acclimatised on site prior to installation. • Ensure the floor is correct moisture content before coating. • Suspect timber floors should be coated with a coating that has a low tensile strength, such as modified oil.
Gloss Variation	
• The uneven application of a coating can result in the coating drying with a patchy appearance and variations in gloss level. • Low gloss coatings applied on floors that are affected by direct sunlight will dry to an uneven gloss level. • When low gloss coatings are applied on very cold floors and in cold environments, the applied coating will dry to a lower gloss and not flow and level. • Draught across a floor coated in a low sheen will result in glossy patches in the areas affected by the draught.	• Ensure all coatings are applied an even wet film, always apply all coatings in a wall to wall application along the length of the boards. • The addition of Polycure's Wet Edge Extender will improve the flow and levelling and allow the coating to dry to an even uniform sheen. • To improve a uniform sheen level on cold and hot floors the addition of Polycure's Wet Edge Extender will slow the drying of the coating and allow it to dry to an even uniform gloss level.
Ghosting	
• Ghosting is the term given to the appearance of marks (boot prints, wheel prints and other marks) in a coated floor after a period of drying, which can be up to 12 months after being coated. • The term ghosting has occurred due to marks in coated floors becoming noticeable after 1 to 2 years of being coated. • Marks known as ghosting tend to become noticeable in areas that are in direct sunlight for long time periods.	• These marks are believed to have been caused by boot prints or other rubber surfaces leaving an invisible mark on the raw wood or the drying coating which becomes very noticeable in direct sunlight over time.

Possible Cause	Prevention or Remedy
High Humidity or Moisture	
• High humidity or excessive water coming into contact with the coating and timber, may cause the coating to crack and delaminate. The timber will swell, become strained and move. • Timber floors with a high moisture content can result in problems with the coating peeling or cracking with the timber movement.	• Do not apply any coating over a wet timber floor, this will result in the coating taking longer to dry and in most cases to delaminate (peel) off the timber. • Dry the timber to the correct moisture content and only apply the coating in a dry moderate temperature (between 18-30 degrees celcius). • Water based coatings will not dry when it is raining. • Do not coat damp wood or allow the wet coating to be exposed to water or dew during the first hour of drying as blooming (whitening) may occur. • Moisture curing coatings will take longer to dry when cold in cold environments.
Orange Peel	
• This occurs when a coating is applied at higher viscosity (thicker) due to the coating being cold or being exposed to air for a period of time. • Applying a coating onto a cold floor will result in the coating freezing and not flowing resulting in an orange peel finish.	• The addition of Polycure's Wet Edge Extender will slow the drying and improve the flow. • Heating the coating in hot water will improve the flow flow of a cold coating on the floor. • Do not apply thick coatings on cold floors, the addition of Polycure Wet Edge Extender is recommended on cold floors.
Quilting	
• Quilting is normally caused by applying high viscosity (thick) coatings, in a wet application over strip timber and parquetry floors that have gaps between the boards or the blocks. • More common on new timber floors. The thick coating will fill the larger gaps but cannot displace the air trapped in the joints. • As the coating dries the air releases leaving a pin hole/gap while the coating that has flowed into the gap fills the hole. The coating dries showing a pitted look along the joints.	• Make the first coat a low viscosity sealer such as FASTASEAL 3030 Clear Sealer. Then apply a second coat in an even wet film at a reduced viscosity (thin with Polycure Thinners or Wet Edge Extender). • Always refill parquetry floors before applying the finishing coats to ensure the gaps are filled (the original filler might be removed during the sanding and vacuuming process). • Do not apply heavy thick coats on unfilled floors. • The application of NATUROIL 3100 or 3115 may also provide a better result as it is slower drying.
Rejection	
• Rejection is caused by contaminates and oils from the timber interfering with the drying of the coating. • Common contaminants are silicone, household chemicals, timber resins, waxes and incompatible coating systems.	• Keep all chemicals, cleaning products, food stuffs and even water away from raw wood. • All marks and stains have to be removed by sanding prior to coating. • The addition of Polycure Sureflow Additive into DURAPOL and POLYTHANE coatings will help to overcome problems with rejection (not DURAPOL Low Sheen Coatings).

Possible Cause	Prevention or Remedy
Sanding Marks	
• These are caused during the actual sanding process, resulting in marks that may not be covered or hidden with the coating.	• The wrong choice in sand paper is the main cause of sanding marks. • Incorrect use of the sanding equipment will contribute to sanding marks. • When sanding marks are very noticeable a resand may be necessary.
Stains	
• Noticeable stains in coatings under furniture legs or in areas that have been affected by other items fitted with rubber or plastic. • Chemicals, hair dressing dyes, felt pens and other items such as urine can soften and attack the coating.	• Allow all coatings to thoroughly dry before placing furniture with rubber protective pads back onto the coated floor. • Choose the right coating for the end use environment and the traffic that will be on the floor, e.g. water based coatings are not suitable for hair dressing salons. • Use felt protective pads on furniture that comes into contact with floor coatings.
Temperature	
• The application of any coating on a floor that is affected by changes in temperature, hot or cold will affect the drying and gloss level of the applied coating. • A hot floor or a rapid increase in temperature can result in the coating not flowing well resulting in bubbles and orange peel in the dry film. • Cold floors will also cause the coating to have flow problems and dry unevenly. • The expansion or contraction of the timber due to extreme temperature changes may cause damage to the coating and the timber.	• Do not apply coatings onto cold surfaces or at temperatures below 10 degrees. • Polycure's Wet Edge Extender will help to improve flow and levelling in both hot and cold conditions. • In some extreme cases of either high / low temperatures or damp environments it may be advisable to leave the job until the weather improves. • Cover all glass windows to reduce the risk of heat affecting the drying of coated floors.
Tram Lining	
• A white milky appearance along the joints when the timber rapidly shrinks • More noticeable on dark timbers and occurs when the coating is applied to a floor that is tight and possibly has a high moisture content when installed and coated. • Rapid shrinkage and movement from heat (sunlight), draught and traffic will result in the timber drying out and shrinking The rapid stretching and movement turns the coating white.	• Always check the moisture content of the timber prior to sanding and coating, ensure that the timber and floor is acclimatised and installed correctly. • Depending on the condition of the floor and timber width the choice of coating is critical. Choose coatings such as modified oils for floors that show signs of the floor shrinking or being affected by heat after coating. • Floors that are showing tram lining, may be able to be fixed by resanding and coating with a coating that has low tensile strength such as NATUROIL Modified Oil.

Thinners & Accelerators

Wet Edge Extender 3320	2043 A/B, 5840, 1044, 1045, 1050, 1012, 1013, 1014, 5846-9 (TITAN MC Gloss)	1 Litre
Sureflow Additive 3350	2043 A/B, 5840, 1044, 1045, 1050	1 Litre
DURAPOL 5995 Accelerator	5840, 1044, 1045, 1050, 2043	1 Litre
NATUROIL 1499 Accelerator	3100, 3115, 1440, 3120	1 Litre
Thinners 3310	2043 A/B, 5840, 1044, 1045, 1050, 1012, 1013, 1014, 5970, 5846-9 (TITAN MC Gloss)	4,20 Litre
AQUAPRO 4300 Wet Edge Extender	8020, 8068, 8210, 8270, 8280	1 Litre

Up to 5% 50ml per Litre	Wet Edge 3320 extends the open time in DURAPOL or POLYTHANE coatings due to warm weather or large floor areas. The Wet Edge Extender is designed to be added into all DURAPOL & POLYTHANE coatings to improve the application of the coating and to improve the levelling of the film.
Up to 1% 10ml per Litre	Sureflow 3350 Additive is designed to assist in minimising problems associated with rejection caused by surface contaminate. Can be added to the DURAPOL & POLYTHANE coating range. **Not Suitable for 1012, 1013, 1014 & 5841**.
Up to 5% 50ml per Litre	DURAPOL 5995 Accelerator can be mixed into all the DURAPOL Gloss coatings only to speed up the drying time to allow more than one coat of DURAPOL to be applied in the same day.
Up to 5% 50ml per Litre	NATUROIL 1499 Accelerator can be mixed into all NATUROIL coatings to improve the drying and reduce the risk of frying in damp cold weather.
5-10% 50-100ml per Litre	Thinners 3310 is primarily used to enhance the flow characteristics of polyurethane but may also be used in conditions that may be considered abnormal for standard applications.
5-10% 50-100ml per Litre	Wet Edge Extender 4300 is for hot environments i.e. high ambient room or floor temperature, it may be added at a rate of 5-10% to slow down the drying and improve the flow and levelling. Stir AQUAPRO 8270 whilst adding.

The colours shown in this product guide are to be used as a guide only. Actual colours will vary due to computer monitor displays and how individuals see colour. The final appearance of stain colours are affected by many factors including timber colour specices and number of coats of the stain.(Higher number of coats results in darker colour). It is up to the user to test and confirm the colour on a sample board before application. The product guide should be used as an indicative guide of colour only.Stain colours are based on information in Mirotone's possession at the "date of issue". Amendments to the product guide can be made at any time. Users should check that the stains are still current before applying coatings as per the information contained within.

Colours shown in this guide are as close as possible to actual paint colours. Please note: Due to limitations of the printing process, photographic and printed images may not represent the true colour.

This product guide has been compiled by Mirotone Pty Ltd on the basis of current general information. It is your responsibility to assess and verify the accuracy, completeness and reliability of the information in this guide, and to seek professional advice where necessary. Mirotone Pty Ltd makes no representations or warranties of any kind with respect to this product guide or its contents. Mirotone Pty Ltd, its related companies, directors, employees, shareholders, agents and other representatives will not, under any circumstances, be liable for any injury, loss or damage arising out of or related to the use of the information in this product guide.

POLYCURE
INNOVATIVE COATING SYSTEMS

polycure.com.au
Ph: 1300 132 202
21 Marigold Street, Revesby NSW 2212
@polycure

SCAN ME