



DATA SHEET

DURAPOL 1050 MAX

Durapol 1050 Max is a one pack, clear gloss, moisture curing polyurethane for interior timber, cork and parquet flooring. **Durapol 1050 Max** will provide a highly abrasion resistant and therefore extremely durable, protective film, which will achieve a **mirror finish**, when used in a 3 coat system.

Properties

- High solids
- Clear colourless product in liquid form
- Clear high gloss when applied to floor (*colour will change with timber ageing*)
- Tough, hard wearing, abrasion resistant
- Extremely flexible and water-resistant
- Exceeds the AS/NZS 3661.1 Dry Slip Resistance Specification

Typical Applications

- Interior parquet, timber, particle board and cork flooring
- Not applicable on wet areas e.g Bathroom or around swimming pool

Caution: The floor will be slippery when wet.

Application Equipment

- A 6mm mohair roller or lambs wool applicator can be used to coat the bulk of the floor area. A quality brush can be used to cut in around skirting boards and edges.

Suggested Application Systems

Substrate	System	1st Coat	2nd Coat	3rd Coat
Timber, cork, parq.	3 day	Durapol 1050 Max	Durapol 1050 Max	Durapol 1050 Max
Timber, cork, parq.	2 day	Fastaseal 3030	Durapol 1050 Max	Durapol 1050 Max
Cork only	1 day	Fast Sealer 3018	Fast Sealer 3018	Durapol 1050 Max

Cleaning of Equipment

Use **Super Cleaning Solvent 3300** to clean all brushes and rollers. Remove all **Super Cleaning Solvent 3300** before putting brush and roller into **Durapol 1050 Max**.

Super Cleaning Solvent 3300 should not be mixed with Durapol 1050 Max

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Coverage

Base Coats

- Approximate coverage on cork tiles and particle board is between 5-7 square metres per litre per coat, depending on porosity of the substrate.

Subsequent Coats

- Coverage on timber is approximately between 8-10 square metres per litre per coat, depending on porosity of the substrate.

Dry Time

Durapol 1050 Max will dry overnight. The surface may be subjected to light foot traffic after 24 hours. Full curing will take 5-7 days during which time extra care should be taken to protect the coating.

Packaging

1 and 4 litre screw cap cans and 10 and 20 litre unigrip cans.

Shelf life

Unopened cans are marked with a batch number and use-by date and should be stable for one year from the date of manufacture. **Once the can is opened** the product should be useable for one to two months provided the lid is replaced immediately after pouring the amount of finish required for each tray. **DO NOT RETURN UNUSED PRODUCT TO THE CAN.** This will cause the remainder of your material to become contaminated and will lead to viscosity increase and a change in the flow characteristics of the product.

Thinning

Use of **Thinners 3310** in **Durapol 1050 Max** is only recommended if necessary to improve the flow and slow drying. **Thinners 3310** can be added at a ratio of up to 5% (if required) to improve flow and help to minimise bubbling. **Wet Edge Extender 3320**, which may be added at the ratio of up to 3%, is the preferred additive in hot or humid weather.

Other Important Information

- Do not apply this coating when ambient temperatures are below 10°C or above 35°C, or when it is extremely dry and windy as flow and cure may be adversely affected.
- Curing of the coating will take 4-6 days and during this period, floors should not be walked on with street shoes. Complete cure is achieved in 21 days. Care should also be taken to avoid dragging furniture over the surface; use protective pads on furniture legs.
- Remember that cork is a very soft material and permanent impressions may be left in its surface by stiletto heels or sharp furniture, even after coating with a polyurethane finish.
- To extend the life of the floor, mats should be used in doorways in order to remove dirt and grit from feet. Protective pads should be used on the legs of furniture.
- The floor should be swept frequently and washed with warm water and detergent. **Caution: The floor will be slippery when wet.**
- The surface should be **re-coated before it has worn through** to the cork or timber.

To Accelerate Drying

Durapol Qwikdry 3340 is a ready to use accelerator for both Polycure single pack and two pack polyurethanes. The addition of **Durapol Qwikdry 3340** in Polycure flooring polyurethane will provide the flooring contractor with a **fast drying alternative** to the traditional "1 coat per day" coating procedure. Alternatively, it may provide a counter measure for cooler or drier ambient climatic conditions.

Durapol Qwikdry 3340 should be added to polyurethane slowly whilst stirring briskly to avoid premature viscosity increase and gelling of the polyurethane. **Durapol Qwikdry 3340** is designed to be used in the following mixing ratio:

10 ml per litre (or 1 capful per 2 litres) for base coats
5 ml per litre (or 1 capful per 4 litres) for top coats

- Addition of **Durapol Qwikdry 3340** into Durapol 1050 Max in the appropriate ratio will provide a dry time range of 1 to 2 hours at 15-25 degrees Celsius.
- The red cap in the packaging of this product contains 20 mls.

Safety Precautions: Ensure adequate ventilation during use. Avoid inhaling fumes as much as possible. Asthmatics should use respirator as per AS1716-1984, available from industrial safety equipment suppliers.

Storage & Transport: Keep containers closed when not in use. Do not store near heat, naked flame or sparks. Store at temperatures less than 35 degrees Celsius. Even empty containers can contain explosive vapours. Store in well ventilated dry area.

Spills And Disposal: Wear full protective equipment. Absorb onto diatomaceous earth or other inert absorbent substance. Remove from work area, cover with water for 24 hours before disposal. Do not allow to enter sewers or water courses.

First Aid: If poisoning occurs, contact a doctor or Poisons Information Centre. If affected by inhalation of vapour, remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor and have label information available. If in eyes hold eyes open, flood with water for at least 15 minutes; call a doctor. If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. Immerse contaminated clothing in water for 24 hours and do not re-use until it has been laundered.

Warning Flammable: This package contains volatile and flammable solvents and when using contents adequate ventilation to the outside must be provided. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches etc.) must be eliminated in or near the working area. DO NOT SMOKE. Keep container closed when not in use. In case of fire or explosion use foam, carbon dioxide or dry powder extinguisher. Use fine water spray to cool surrounding areas and to prevent vapour pressure build up. Wear suitable clothing including boots, overalls, gloves, face shield. Special breathing apparatus may be required.

Product Warranty: In the interests of achieving a better product through research and improvements in manufacturing processes, Polycure Pty. Ltd. reserves the right to change specifications without notice. Since Polycure has no control over product application, buyers and users must make their own assessment of our products under their conditions to meet their own requirements. NO RESPONSIBILITY IS ACCEPTED, EXCEPT FOR THOSE NON EXCLUDABLE CONDITIONS OF ANY TERRITORY, STATE OR FEDERAL LAW. Polycure's liability is limited at its discretion to the replacement of goods or to the supply of equivalent goods or to the refund of the original purchase cost from Polycure. Polycure will offer NO WARRANTY if any of its products are used in a "mixed" system with other coatings manufacturer's products. Polycure can only warrant the quality of its own range of coatings when used in accordance with the recommended coating systems and thinners as stated on its labels.
