

DURAPOL 1044 Cork, Timber & Concrete Gloss

DURAPOL 1044 Cork, Timber & Concrete Gloss is a single pack, clear, gloss, moisture curing polyurethane.

Advantages

- Highly abrasion resistant
- Extremely durable
- Excellent gloss
- Excellent flow and levelling results in smooth finish
- Enhances the natural colour of the timber

Typical Applications

Interior use only. Timber, particleboard, cork or concrete.

Not suitable for exterior or wet area applications e.g. bathrooms or around swimming pools.

Caution: floor will be slippery when wet.

Product Approvals

DURAPOL 1044 has been evaluated for AS/NZS 4586:2004: Slip resistance classification of new pedestrian surface materials by Advanced Technology Testing & Research (ATTAR). The coating system passed the requirements of the "Dry Slip Resistance" and was classified as Dry = F. Certificates available on request.

Coverage

Basecoat:	Timber	6-8 m ² per litre
	Cork & Particleboard	5-7 m ² per litre
Subsequent coats:	8-12 m ² per litre	

coverage is dependent upon the porosity of the substrate.

Application Method

By roller or applicator and a high quality brush.

- Roller or Applicator 6mm nap roller.
- Brush

Thinning

Up to 5% Thinners 3310 if necessary to improve flow and levelling, overcome slow drying and minimise bubbling.

Up to 5% Wet Edge Extender 3320 can be added in hot and/or humid weather to slow drying.

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Up to 1% Sureflow Additive can be added to overcome and minimise rejection and flow problems i.e. over oily or contaminated floors.

DURAPOL 5995 Accelerator may be used to speed up the dry time of DURAPOL 5840. Add between 20-40mls of DURAPOL 5995 Accelerator per litre of DURAPOL 5840 Gloss (one capful – 20mls). Only mix as much as would be used in one day. Note: adding more than 5% can result in a milky haze or uneven finish.

Dry Time

Hard Dry:	Overnight.	The surface may be subjected to light traffic after 24 hours. During this period floors should not be walked on with shoes.
Full Cure:	10-14 days.	Care should be taken to avoid dragging furniture over the surface, use protective pads on all furniture legs.

Low temperatures and heavy film thickness will retard drying times. Direct sunlight and draft during drying may affect the final gloss level of the coating.

Application

Preparing the floor to a professional standard is essential to achieve the best results.

Preparation:

- Fill all nail holes with a water based putty, allow to dry.
- Sand uncoated floor with 120-150 grade sandpaper or screenback 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.

Timber Floor:

- Apply a liberal first coat of DURAPOL 1044 or FASTASEAL 3030, 3535 or 3540 Sealer using a 6mm mohair roller and good quality brush to cut in.
- If using FASTASEAL allow to dry for 45 minutes before sanding, for all other coatings allow to dry overnight (min 8 hours to max 24 hours).

Cork Floor:

- Apply a liberal first coat of FASTASEAL 3030, 3535 or 3540 Sealer using a 6mm mohair roller and good quality brush to cut in. Allow to dry for 45 minutes before sanding.
- Thoroughly sand floor with 150-180 grade sandpaper or screenback, remove all nibs, fluff and fur. Vacuum all dust.
- Apply a second coat of DURAPOL 1044. Allow to dry overnight (min 8 hours to max 24 hours).
- Thoroughly sand floor with 150-180 grade sandpaper or screenback, remove all nibs, fluff and fur. Vacuum all dust.
- Apply the final coat of DURAPOL 1044 Gloss.

For information about recoating previously coated floors or UV coated engineered floors refer to the DURAPOL Product Information Guide.

Coating Concrete:

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- Floor must be structurally sound and fully cured for a minimum of 28 days before any coating is applied. This may vary depending upon the site conditions and environmental factors.
- It is essential to clean new concrete before applying DURAPOL 1044. Use a high pressure water blaster (>2000 Psi) to remove all concrete sales, dirt, dust and any other contamination.
- If the surface is smooth or hardened an acid etch must be used to improve porosity. Mix 1-part Hydrochloric acid to 15 parts water and brush over the surface. Allow to penetrate for several minutes before thoroughly flushing the surface with water to remove the acid solution.
- To ensure the best adhesion, the first coat of DURAPOL 1044 applied onto new concrete must be thinned 25% with Thinner 3310. All following coats of DURAPOL 1044 do not need to be thinned unless it is applied in warm conditions. Each coat of DURAPOL 1044 must be applied within 24 hours of application of the previous coat.
- Sand between coats of DURAPOL 1044 to ensure sound inter coat adhesion.

Note: If applying DURAPOL 1044 over concrete hat has been coloured, check suitability with the supplier of the colouring agent. Any concrete that has been laid with curing agents or other additives to repel oils or stains may not be able to be coated. Ensure a small test area is coated and evaluated prior to coating a large area.

Note: 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. Ensure all opened cans are used within one week. Do not return unused product to the can as this will cause the remaining material to increase in viscosity.

Recommended Sealers

DURAPOL 1044 Cork, Timber & Concrete Gloss (as its own sealer), FASTASEAL 3030, 3535 or 3540 Clear Sealers.

Properties	Colour	Clear
	Finish	Full Gloss
	Build	High
	Sandability	Excellent
	Solvent Resistance	Excellent
	Water Resistance	Excellent
	Levelling & Flow	Excellent
	Pack Sizes	20L
	Product Code	5844-9-20
	Clean Up	Polycure Super Cleaning Solvent 3300. Ensure all cleaning solvents are removed before placing back in the coating.
	Shelf Life	12 months, see label for use by date. (store in sealed container below 25°C). Do not use product past use by date.

Refer to the DURAPOL Product Information Guide for more information

Note: All coatings provide protection for the timber or substrate. However, no coating is indestructible and all coatings will mark or scratch depending upon what comes into contact with the coating. Sharp objects including sand and grit will scratch the surface of any coated floor regardless of coating type. In high traffic commercial environments such as hair dressing salons, night clubs and taverns many factors need to be considered when choosing a coating system. Refer to the Product Information Guides for further information.

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Health & Safety

Before handling, refer to the Safety Data Sheet for health and safety information. Ensure that all personnel using this product have read and understood this data sheet and the associated SDS and packaging label before using this product.

Note: Coatings give off strong solvents and odours during the drying process. People and pets should be removed from the building during the application and drying of coatings. All food and fabrics should also be removed to reduce the risk of them becoming tainted during the drying process.

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