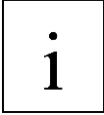


Always use correct Personal Protective Equipment

DUREPOX 2K FLOOR COATING

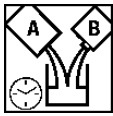
Description



A unique highly pigmented 2-pack epoxy urethane primer formulated for the coating of concrete floors. Durepox High Performance Clear can be added to the final coat to increase gloss levels and durability

MAF Approved - Refer MQ1, Dairy approval. Regulatory Authority manual 15 for meat, fish, game and poultry, all areas.

Products



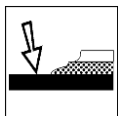
Product Type:	Modified Epoxy Urethane
Colour:	White, Black, Grey, Light Grey, (special colours on request)
Pot Life:	45 min with DUREPOX Hardener.
Induction Time:	5 Minutes
Density:	1.331 kg/L
Recommended DFT:	50 Microns
Theoretical Coverage:	9m ² /L @ 50 Microns D.F.T

Properties



VOC:	523 g/L
Volume Solids:	37.82% (White)
Recoat-ability:	Self recoat @ 20°C: between 3 and 48 hours. (After 48 hours must be sanded to ensure intercoat adhesion) Topcoat: between 3 hours and 48 hours, then any time after sanding.
Dry Time @ 20°C:	Touch Dry: 2 hours Handle: 12 Hours Sandable: 24 Hours

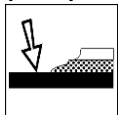
Substrates



Durepox 2K Floor Coating can be applied over correctly prepared concrete floors including:

- Warehouses
- Garages
- Dairy Factories
- Aircraft Hangers
- Plant rooms
- Food manufacturing plants
- Automotive workshops

Substrates (cont)



Surface

Concrete:

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Preparation



Treat with Hydracos-acid wash (refer Data Sheet) or abrasive blast new concrete. Ensure surface is dry and free from dirt, grease and oil deposits.

Strongly advise testing a small area for coating success due to the amount of variables in concrete and release agents for tilt slab walls & floors. Acid etch or abrasive blast new or aged concrete. Ensure it is dry and free from dirt, grease and oil deposits. Durepox can be applied directly to suitably prepared concrete directly. The use of Test Method D4263 is highly recommended for checking if moisture is still present in the concrete.

Test Method D4263: Ensure all surfaces are clean and dry. Tape a 45cm square plastic sheet (Black is fine) to the concrete floor, leave for at least 16 hours, remove plastic and visually check for moisture on the underside of the plastic. Check for any cement transfer to underside of tape. If no moisture is present on underside of plastic and no colour change on the concrete a small test area is recommended for application of Durepox Floor Coating.

Application:

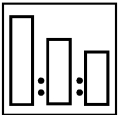
The first 1-2 coats of Durepox Floor Coating should be mixed 4 parts Durepox to 1 Part Durepox Hardener. This can be reduced by with the addition of 5% 400 Reducer or 400 Reducer Slow for ease of flow. This mixture is best applied by Roller.

The final coat can be applied by roller after minimum of 3 hours but must not be left for longer than 48 hours. This coat can be a mixture of 70% Durepox Primer to 30% Durepox High Performance Clear. The Primer/Clear mix still needs to be activated 4:1 with Durepox Hardener.

The addition of clear to the primer increase the gloss level to give a hard wearing smoother finish.

It is not recommended to add too much clear otherwise the finish could be too Glossy and slippery when wet.

Directions For Use



Mixing Ratio:	Strain mixed product prior to application 4 parts Durepox 2K Primer (Volume) to 1 part Durepox Hardener
Thinning:	Up to 20% 400 or 400 Slow Reducer. Up to 5% for Roller or Brush.

Note

Lower temperatures will slow drying; adding of up to 5% by volume of RALI 62C Accelerator will approximately halve curing and pot life times. Reduce addition to 1-2% when drying with IR lamps. Misuse of RALI 62C Accelerator can cause loss of adhesion and poor flow-out. High temperatures can accelerate drying time and reduce pot life; the use of 400 Slow Reducer can help in these circumstances. Always be mindful of recoat times in warm conditions as in over 25 deg C.

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Application: **Brush and Roller:** 4:1 Durepox Hardener and 0 – 5% 400 or 400 Slow Reducer.

Spray Equipment: Compliant / Conventional suction and gravity feed spray guns.



Tip Size: 1.5 - 2 mm
 Spray pressure: 275-380KPA (40-55 psi)
 Number of coats: 2 coats (5-10 minutes flash between coats)

Although Durepox 2K Primer can be applied without reducer, best results are obtained by thinning up to 20% by volume with 400 or 400 Slow Reducer (This is for spray application only). This allows for different gun set-ups and techniques, and assists flow and levelling.

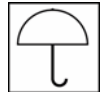
Remarks: Do not use activated material beyond pot life time or by reducing it further to get the viscosity down again. This procedure results in poor flow and adhesion failures.

Health & Safety



For detailed information refer to Safety Data Sheet (SDS). Mixed product contains isocyanates. Inhalation of vapours or dust from sanding may cause respiratory sensitisation. Splashes to eyes will cause irritation. Contact with skin may cause irritation. Applicators should use protective clothing and respiratory equipment. Product is flammable, use and store away from heat and ignition sources.

Transport & Storage



Sizes: 1L, 4L, 20L
Dangerous Goods: 3A
UN: 1263
Hazchem: 3[Y]
Packing Group: III
Shipment name: PAINT Flammable
Flash point: 27°C

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