

**TECHNICAL DATA**

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MANUAL SECTION	ISSUE DATE	AUTHORISED	REPLACES	PAGE
<i>Sundries</i>	<i>June 2010</i>	<i>PM</i>	<i>May 2003</i>	<i>1 of 2</i>

## LOCKFAST DURASEAL

### DESCRIPTION

Duraseal is a waterborne copolymer emulsion suitable for sealing wooden, particle board and concrete floors before application of flooring adhesives. Eg Under adhesives for Vinyl and carpet  
Also for the priming of concrete floors prior to the application of floor levelling compounds.

### APPLICATIONS

1. The prime use of Duraseal is over **sanded, weathered** particle board prior to the application of adhesives. The weathering of particle board and subsequent sanding produces a very porous structure. Sealing prevents adhesive soakage and excessive moisture porosity. The latter effect causes adhesives to set up too quickly.
2. **Concrete:** Use to seal old, porous concrete prior to adhesive application.. Note: modern concrete floors generally do not require sealing. **Power floated** floors will not benefit from sealing.
3. **MEDICAL SEALER:** used to seal floors in environments where urine and other liquids may penetrate topcoverings (carpet, carpet tiles, PVC tiles and plank). These soak the substrate leaving lingering odours.  
Roller apply a full coat of Duraseal and allow to dry prior to adhesive application. (use two coats on porous surfaces).
4. **Wooden flooring:** Seal only if very dry and porous.
5. **Plywood / MDF:** To reduce porosity and to aid drying time.
6. Bonding new concrete to old.
7. Bonding promoter of floor levelling compounds to substrates.
8. Sealing of porous floors prior to bonding self adhesive products.

### Limitations

Duraseal is only used under adhesives or levelling compounds.

It is not a finished floor sealer.

Duraseal will **not** stop rising moisture. If in doubt about potential wet or damp floors, seal with Aquaguard 101 before proceeding.

Also previously referred to as P610.

### TYPICAL PROPERTIES

<b>TYPE:</b>	Waterborne emulsion
<b>BASE:</b>	Vinyl Copolymer
<b>COLOUR:</b>	White, dries clear
<b>FLASH POINT:</b>	None, waterbased. No solvent. No odour.
<b>DENSITY:</b>	Approximately 1.0 kg/L

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## DIRECTIONS FOR USE

### Floor Preparation

Clean up and sweep floors to remove dust and foreign matter.

#### Damp Floors:

Duraseal will **not** stop rising moisture. If in doubt about potential wet or damp floors, seal with Aquaguard 101 before proceeding.

### Application

Supplied ready for use.

Shake the container well. Do not thin. Apply one coat of Duraseal by brush, roller or broom, avoiding areas of over-lap or build-up. Allow to dry before the application of flooring adhesives. The drying time is dependent on temperature and room humidity, approximately 30-60 minutes. However the drying time is not crucial as long as obvious wetness has gone.

#### Prior to use of flooring adhesives (under carpet / vinyl etc)

##### Self Adhesive Products

Self adhesive products need a smooth, clean dust free surface. Duraseal will provide this.

Shake the container well. Apply Duraseal as supplied; **do not** dilute. Apply one coat by brush, roller or broom, avoiding areas of overlap or build-up. Allow to dry before the application of floor levelling compound. The drying time is dependant on temperature, room humidity and porosity of the substrate, however allow approximately 30 – 60 minutes. Self adhesive products may be applied as soon as the Duraseal is fully dry. **Coverage:** 5m<sup>2</sup>/Litre

##### Concrete or Self Levelling Bonding

One part self levelling or trowel screeds generally require a primer to activate the concrete substrate. Bonding new concrete to old is also another application. Duraseal will do this.

Mix Duraseal simply and apply to the floor by roller. **NB:** Allow to **fully dry** immediately prior to the application of levelling compounds. Do not allow to pond.

A coverage of approximately 6 square metres per litre should be obtained.

**Note:** Porous substrates may require two or more coats.

Duraseal should be laid over as soon as dry and within 24 hours of application. If it is laid over wet it will "float" up through the applied screed.

### Clean Up

Use water to clean up instruments and hands. If dry use warm water and detergent.

Drying time is dependant on temperature and air movement. It will be slow to dry in cold, still, damp areas.