



Spec Floors

Spectacular Concrete Finishes

Spec Floors

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INTRODUCTION TO CONCRETE FLOORING

There is an exciting move toward alternative floor finishes utilising concrete as the floor surface. Applications include:

- full or partial house floors
- entertainment areas
- pool surrounds
- driveways
- shop and factory floors
- shopping complexes
- show rooms

By far the ultimate floor finish is polished concrete as this is one of the hardest and most durable floor finishes known to man.

As an alternative we also offer film coated concrete finishes and acid staining with a vast array of options to meet the unique requirements of our customers personal choice.

The cost of concrete flooring depends on a number of variables including the size of the work area (m²), site access, age and condition of the slab, strength (mpa) of the concrete, amount of hand tool work required (edges and corners), and location. We will provide obligation free quotes upon inquiry.

POLISHED CONCRETE

Our process

New Concrete

- 1) Twenty one to twenty eight days after the slab has been poured we grind the concrete to flatten the slab and expose the aggregate. We then grout the slab to fill air holes. *Time – approx 3 days
- 2) Application of hardener and commencement of polishing to the concrete. Sealed with a water based sealer * Time - approx 1 day
- 3) Removal of sealer and completion of polishing process * Time - approx 3 days
- 4) Apply a waterproofing agent to protect against spills and staining. * Time - approx 2 days

* Based on 100m² of concrete. Our preference is to complete the work in 2 stages. Steps 1 and 2 **prior to** construction of the walls and provides the most cost effective process for the owner due to minimising hand tool work. Steps 3 and 4 are completed prior to joinery, skirts and door jambs being fitted.

NOTE – You will need to discuss with your concrete contractor any addition of materials or colour to the slab for exposure.

Existing concrete

- 1) We grind the concrete to flatten the slab and expose the aggregate. We then grout the slab to fill the air holes. * Time – approx 4 days
- 2) Application of hardener and polish the concrete. * Time – approx 4 days
- 3) Apply waterproofing agent to protect against spills and staining. *Time – approx 2 days

* Based on 100m² of concrete. Due to additional hand tool work to complete edges and corner work additional time is allowed.

FILM COATINGS

Our Process

New Concrete

- 1) Twenty one to twenty eight days after the slab has been poured we grind the concrete to flatten the slab and expose the aggregate. We then grout the slab to fill air holes. *Time – approx 3 days
- 2) Application of polyurethane first application. * Time - approx 1 days plus
- 3) Apply of polyurethane final coat. * Time - approx ½ days

* Based on 100m² of concrete. Our preference is to complete step 1 prior to construction of the walls and provides the most cost effective process for the owner due to minimising hand tool work. Once the house is to lock up stage (i.e. plaster and undercoat on – no skirting boards though) we come back and clean the floor by removing debris and completing a light grind to remove any any spills of minor plaster etc. We then apply the polyurethane. Should any spills or damage occur to the polyurethane at this stage (including paint damage) additional charges may apply and it is recommended that the slab be covered to prevent any damage. All construction works may then be completed prior to a final clean and application of the final coat. Polyurethane coatings have a cure period of seven days and should be treated as such through restricting access during the curing process at both steps 3 and 4.

Existing Concrete

- 1) We grind the concrete to flatten the slab and expose the aggregate. We then grout the slab to fill the air holes. * Time – approx 4 days
- 2) Application of polyurethane first application. * Time - approx 1 day
- 3) Apply of polyurethane final coat. * Time - approx ½ day plus 7 days cure time

* Based on 100m² of concrete. Due to additional hand tool work to complete edges and corner work additional time is allowed. Light foot traffic is permissible the following day however the greatest of care should be taken as polyurethane requires 7 days to harden fully (removal of footwear, no dragging of items across surface)

CONCRETE TREATMENTS & OUTDOOR AREAS

Our Process

New Concrete

- 1) Twenty one to twenty eight days after the slab has been poured we grind the concrete to flatten the slab and expose the aggregate if required. We then grout the slab to fill the air holes. *Time – approx 3 days
- 2) Application of penetrating sealer or densifier & hardener. * Time – approx 1 day

* Based on 100m² of concrete. Our preference is to complete step 1 prior to finishing (i.e. painting). All construction works may then be completed prior to the final clean up and application of penetrating sealer or hardener & densifier. Penetrating sealers have a cure period of seven days and should be treated as such through restricting access during the curing curing process at stage 3.

Existing Concrete

- 1) We grind the concrete to flatten the slab and expose the aggregate. We then grout the slab to fill the air holes. * Time – approx 4 days
- 2) Application of penetrating sealer or densifier and hardener. *Time – approx 1 ½ days

* Based on 100m² of concrete. Due to additional hand tool work to complete edges and corner work additional time is allowed at stage 1. Penetrating sealers have a cure period of 7 days and should be treated as such through restricting access during the curing curing process at stage 2.

ACID STAINING

Our Process

Acid staining is only completed on cured or existing concrete. It does not require grinding if slab is in good condition and may be applied inside or outside.

- 1) Grind if required to expose aggregate or flatten and smooth slab. (Stone will not stain). * Time – approx 1 day
- 2) Apply acid stain. Allow 4 hours to penetrate. Neutralise. Wash down and allow to dry. *Time – approx 1 day
- 3) Seal with polyurethane or penetrating sealer. * Time – approx 1 to 3 days depending on product used

* Based on 100m² of concrete and basic stain effect over entire area. More time is required for multiple colours or detailed patterns and effects. Polyurethane and penetrating sealers have a cure period of 7 days and should be treated as such through restricting access during the curing curing process.