



COLOURFUL  
CAR PARK  
DECKING



ANTI SLIP  
FINISHES



CORROSION  
PROTECTION  
COATINGS



FAST CURE  
FLOORING



FOOD & BEVERAGE  
FLOORING



RECOMMENDATIONS  
FOR MAINTENANCE AND  
CLEANING AND SEALING



## FLOWCRETE AUSTRALIA

Cleaning Recommendations

COLOURFUL CAR  
PARK DECKING



ANTI SLIP  
FINISHES



FOOD &  
BEVERAGE  
FLOORING

ANTISTATIC SYSTEMS  
FOR ELECTRONICS  
MANUFACTURING

FAST CURE  
FLOORING



HEAVY  
DUTY  
SCREEDS



CORROSION  
PROTECTION  
COATINGS



**At Flowcrete Australia, we recognise that our responsibility to our customers goes beyond just supplying a new floor finish. You need to know how to maintain it, once it has been installed, in order to protect your investment...**

The correct cleaning and maintenance programme will ensure that your new floor retains its appearance and helps to extend the working life.

A typical cleaning programme consists of four key elements...

### **Curing Time**

A period of seven days should normally be allowed after application of the finish, before any wet cleaning process is carried out. During this curing period, which will be dependent on site conditions and ambient temperatures, floors should be suction cleaned or lightly swept with a soft broom. For curing times please refer to the relevant product data sheet.

### **Initial Clean**

This will be carried out as soon as possible after the installation or, on new-build projects, as soon as possible to the hand-over date. The initial clean prepares the surface for immediate use and 'sets the standard' for all future maintenance.

### **Periodic Maintenance**

This will be necessary, from time to time, in order to restore the surface of the floor to its original state or to its condition an appearance following the initial clean.

### **Routine Maintenance**

The extent and frequency of all routine maintenance will depend on many factors – type and level of activity within the area; required level of hygiene or desired standard; the actual floor system to be cleaned, together with its overall size and texture; the type of soiling held on the surface.

# Equipment

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The equipment used for the care and maintenance of your Flowcrete floor finish should be commensurate with the area involved, and should incorporate, wherever possible, mechanically or electrically driven equipment/machines.

## Sweeping

This is an integral part of all cleaning procedures. Surface dirty and loose debris are unsightly and can be very abrasive. They must be removed effectively and regularly using:

- Brooms, brushes or suction cleaners for small or difficult areas only.
- Dust control mops for light dry dust and debris and on smooth finishes only.
- Mechanical sweepers for larger areas and possible 'ride on' sweepers for very large floor areas/open spaces.

## Cleaning

This can embrace a whole range of activities, from damp mopping of small, lightly soiled to heavy duty machine scrubbing for the removal of ground-in dirt or compacted oil and grease. To be effective, the equipment which is used should be appropriate for the size and nature of the tasks to be undertaken. When selecting the equipment, consideration must be given to the type of surface to be cleaned, especially those with a slip resistant/textured finish.

- Mopping equipment (various types) for small relatively clean areas.
- Rotary scrubbing machines, for deep cleaning in confined or restricted access areas (used in conjunction with mopping equipment).
- Wet suction machines, which may be used with both mopping equipment and rotary machines for picking up cleaning solutions.
- Combined scrubbers/driers, for use in larger open areas where, depending on the machine's size and capacity, up to 3000m<sup>2</sup> per hour can be cleaned.

## Polishing

Where a decorative finish has been applied to the coating or flooring system, to sustain the gloss finish, it may be necessary to complete the routine maintenance by high speed burnishing of the polish film, to achieve the required day to day standard. This will require the regular use of suitable rotary machines (e.g. high speed or ultra high speed).

## Water Temperature

Unless otherwise stated on the product or system technical data sheets, the water temperature for cleaning should not exceed 55°C.

## Initial Clean | All Floors

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1. Remove all loose dust and debris using equipment appropriate for the area (e.g. brush mop sweeper or suction cleaner).
2. Carefully scrape off any compacted dirt, grease, sticky labels etc. Please take extreme care when using a scraper of any resin floor finish as the surface could be damaged.
3. Mix and apply a detergent solution (diluted according to the degree of soiling & manufacturers recommendations) to an area of 10–15m<sup>2</sup> using suitable mopping equipment. Allow a few minutes for the detergent to break down soiling and grease, keeping the floor wet the entire time.
4. Machine scrub the area using a rotary machine and suitable floor pad of scrubbing brush (on textured surfaces). Complete a cleaning trial first prior to commencing with the entire area. On heavily soiled areas or for best results,

machine scrub in two directions (i.e. North/South followed by East/West). Clean the edges and corners with an edging tool and appropriate pad. High pressure water cleaning can be used but must be trialled first as some machines with very high PSI can damage the floor.

5. Pick up slurry using a wet pick up machine.
6. Rinse the area thoroughly with fresh water and pick up the rinse water.
7. Repeat this procedure in the adjacent area, working systematically over the whole floor.
8. Allow the whole floor to dry before putting the area in use.

N.B For larger areas steps 3–5 inclusive may be carried out using a combination scrubber/drier, following which rinsing with fresh water may still be necessary.

## Initial Clean | Smooth Floors (Application of Protective Dressing)

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On smooth floors where a gloss finish needs to be sustained, the initial clean described above will have prepared the floor for the application of the metallised emulsion polish.

Procedure as follows:

1. Ensure the floor is clean, dry and dust free.
2. Pour a small amount of emulsion polish (as manufacturer recommends) into a plastic bucket or applicator dish.
3. Using a mop or polish applicator, apply a thin even coat to the floor, cutting-in carefully around the edges and into corners.
4. Allow the polish to dry thoroughly (30–40 minutes).
5. Apply a second coat at right angles to the first, leaving a small gap (approx 8–10cm) around the edges.
6. Allow second coat to dry and apply further coat and allow to dry. Apply further coats if desired (i.e. severe traffic lanes or VIP areas).
7. Allow the final coat to cure for 4 hours before area is put in to use.

## Routine Maintenance | All Floors

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| <ol style="list-style-type: none"><li>1. Remove all loose dust and debris using equipment appropriate for the area (e.g. brush mop sweeper or suction cleaner).</li><li>2. Carefully scrape off any compacted dirt, grease, sticky labels etc. Please take extreme care when using a scraper of any resin floor finish as the surface could be damaged.</li><li>3. Mop the floor using multi-purpose detergent (dilution may vary according to degree of soiling) and suitable mopping equipment (small area).</li></ol> | <p>Or...</p> <ol style="list-style-type: none"><li>4. Using a combined scrubber/drier with diluted multi-purpose detergent according to the degree of soiling, working systematically through the area (large area).</li></ol> |
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## Initial Clean | Polished Floors (Medium to Heavy Soiling)

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| <ol style="list-style-type: none"><li>1. Proceed as per 'All Floors' instructions above, steps 1–3 inclusive.</li><li>2. When the floor has dried, burnish with the proprietary buff &amp; polish using a high-speed rotary machine and appropriate floor pad (i.e. red).</li></ol> | <ol style="list-style-type: none"><li>3. Dry mop sweep the floor to remove all residual dust (unless the rotary machine is vacuum assisted).</li></ol> |
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## Initial Clean | Polished Floors (Light Soiling)

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| <ol style="list-style-type: none"><li>1. Proceed as per 'All Floors' instructions above, steps 1–2 inclusive.</li><li>2. When the floor has dried, burnish with the proprietary buff &amp; polish using a high-speed rotary machine and appropriate floor pad (i.e. red).</li></ol> | <ol style="list-style-type: none"><li>3. Spray burnish the floor using a high-speed rotary machine and an appropriate pad (i.e. red).</li><li>4. Mop sweep the floor to remove all residual dust, unless the rotary machine is vacuum assisted.</li></ol> |
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## Suggested Suppliers

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Please contact Flowcrete Australia for further advice on cleaning and maintenance suppliers.

# Minimum Cleaning Schedule for Textured Resin Floors

High Traffic  
Pedestrian Areas



## Throughout operating hours...

dry brush the surface of the floor to remove grit and dust, which increases scuffing and scratching underfoot and therefore increases the abrasion of the surface.



## As soon as spills occur...

they should be addressed to prevent them from being spread to other areas (on the feet of pedestrians, trolley wheels etc.) and to prevent the soiling becoming ground into the surface. Areas affected by spills should be treated locally with a compact scrubber drier using a solution of a neutral detergent.



## Every night...

all floors should be cleaned using a solution of a neutral detergent in conjunction with the preferred methods described overleaf.

REFER TO SUGGESTED  
SUPPLIER DETAILS

## Preferred Cleaning Methods

FOR ALL PRODUCTS,  
REFER TO SUGGESTED  
SUPPLIER DETAILS

Area	Preferred Method
Medium sized areas and landings (i.e. top and bottom of stairs)	Use a solution of low foam neutral detergent. Clean using a compact scrubber drier (e.g. 8" or 12" Rotowash).
Small sized areas (e.g. stairs and split level landings)	Use a solution of neutral detergent. Clean using a deck scrubber. Do not allow the surface to dry out. Use a wet vacuum to remove dirty water (rinse and repeat if necessary) and allow to dry.
Large open areas (e.g. concourses)	Use a solution of low foam neutral detergent. Clean using a large scrubber drier (e.g. 18" or 24" Rotowash).
Edges	Use a solution of neutral detergent. Clean using a deck scrubber. Do not allow the surface to dry out. Use a wet vacuum to remove dirty water (rinse and repeat if necessary) and allow to dry.

## Abnormal Soiling

Areas so affected should be treated using the combination machine but using a double pass.

On the first pass, the vacuum of the machine should be switched off so that the detergent solution remains in contact with the floor. On the

second pass, the vacuum should be switched on to pick up the solution and soil from both passes.

N.B Additional measures may be needed to ensure pedestrians do not access the treated areas between the two passes.

## Suggested Suppliers

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### Cleaning, Sealing and Maintenance

Shamrock Chemicals  
Telephone: 1800 105 811  
Web: [www.shamrockchemicals.com.au](http://www.shamrockchemicals.com.au)

Peerless Jal  
Telephone: 1800 800 248  
Web: [www.peerlessjal.com.au](http://www.peerlessjal.com.au)

### Cleaning Material & Machines:

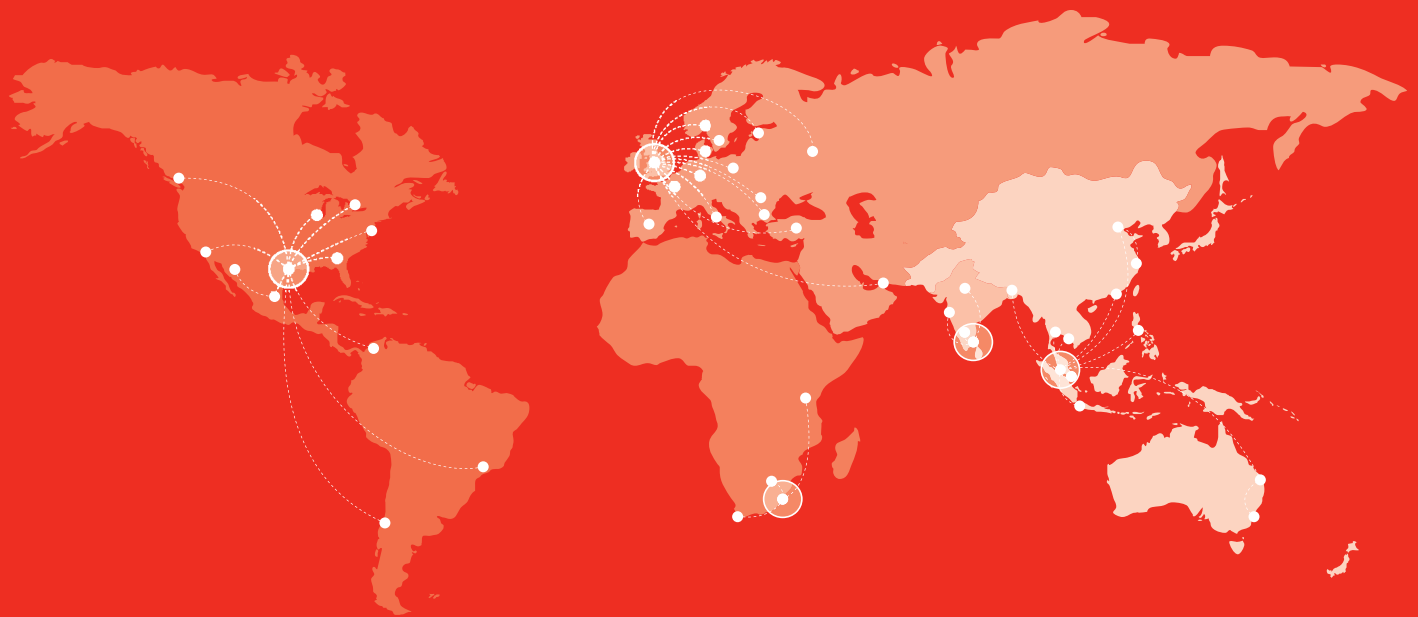
Karcher  
Telephone: 1800 675 714  
Web: [www.karcher.com.au](http://www.karcher.com.au)

Australian Sweeper Company (ASC)  
Telephone: 1800 650 989  
Web: [www.sweeper.com.au](http://www.sweeper.com.au)

Hako Australia  
Telephone: 1800 257 221  
Web: [www.hakoaustralia.com.au](http://www.hakoaustralia.com.au)

Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Flowcrete Australia Pty Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete Australia Pty Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.





## Flowcrete Group

Flowcrete Group is the world's leading specialist in seamless resin floor, wall and coving solutions as well as other specialist coating technologies with operations on six continents.

## Europe & Middle East

Baltic States	+48 883 303 880	latvia@flowcrete.com
Bulgaria	+359 898 61 58 31	bulgaria@flowcrete.com
Denmark	+46 435 40 01 10	denmark@flowcrete.com
France	+33 1 60 61 74 42	france@flowcrete.com
Germany	+49 6119 016645	germany@flowcrete.com
Italy	+39 339 4853258	italy@flowcrete.com
Norway	+47 64 86 08 30	norway@flowcrete.com
Poland	+48 22 879 89 07	poland@flowcrete.com
Romania	+48 883 303 880	romania@flowcrete.com
Russia	+7 495 645 83 18	rus@flowcrete.com
Spain	+34 937 07 0872	spain@flowcrete.com
Sweden	+46 435 40 01 10	sweden@flowcrete.com
Turkey	+90 212 327 97 97	turkey@flowcrete.com
UAE	+971 4 886 4728	uae@flowcrete.com
UK	+44 1270 753 000	uk@flowcrete.com

## Africa

East Africa	+254 20 682 1011	eastafrika@flowcrete.com
South Africa	+27 31 461 3411	southafrika@flowcrete.com

## India

India	+91 44 4202 9831	india@flowcrete.com
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## Asia Pacific

Australia	+61 7 3205 7115	australia@flowcrete.com
Bangladesh	+88 02 9857222	bangladesh@flowcrete.com
China	+86 10 8472 1912	china@flowcrete.com
Hong Kong	+852 2795 0478	hongkong@flowcrete.com
Indonesia	+62 21 252 3201	indonesia@flowcrete.com
Malaysia	+60 3 6277 9575	malaysia@flowcrete.com
Philippines	+63 917 514 2696	philippines@flowcrete.com
Singapore	+65 6848 7166	singapore@flowcrete.com
Thailand	+66 2539 3424	thailand@flowcrete.com
Vietnam	+84 8 6287 0846	vietnam@flowcrete.com

## Americas

Brazil	+55 11 3230 1107	brazil@flowcrete.com
Canada	+1 800 218 1850	canada@flowcrete.com
Chile	+56 2 2938 1962	chile@flowcrete.com
Colombia	+57 1 381 9254	colombia@flowcrete.com
Mexico	+01 800 099 0468	mexico@flowcrete.com
USA	+1 936 539 6700	usa@flowcrete.com