

## Flowprime Aquaseal

Flowprime Aquaseal is a two part, water based epoxy, hydrostatic barrier coating and damp surface primer.

### Uses

Typically used as a moisture tolerant primer for Flowcrete's range of industrial flooring on green concrete (<99% RH) and as a hydrostatic barrier against water ingress from the negative side.

### Environment & Health

Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken. For more information, please refer to the safety datasheets for the individual components.



#### Low Odour & Low VOC:

The coating is low in odour and is low VOC technology.



#### Moisture Tolerant:

Offers excellent moisture tolerance performance.



#### Hydrostatic Barrier:

Offers hydrostatic barrier against water ingress from the negative side.



#### Roller Applied:

Easy to apply with excellent finishing properties.

### Packaging

The product is supplied in full units as A+B packs.

Base A	10 Ltr
Hardener B	10 Ltr
Kit Size	20 Ltr

### Standard Coverage Rates

Flowprime Aquaseal	
First Coat	3m <sup>2</sup> /Ltr
Second Coat	3m <sup>2</sup> /Ltr

### Curing Times (at 20°C)

Min Overcoating	8 hours
Max Overcoating <sup>1</sup>	24 -72 hours
Foot Traffic	24 hours
Full Chemical Cure	7 days

<sup>1</sup>Minimum overcoating times can be influenced by site conditions. The first coat must be dry before applying the second coat.

### Additional Information

Mix Ratio	1 : 1 by Volume
Finish	Medium Sheen
Colour	Translucent

### Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm<sup>2</sup>, free from laitance, dust and other contamination. Substrate should be dry to 99% RH as per ASTM F2170 (AS1884:2012).

## Storage

<b>Time</b>	12 Months in Unopened Packs. If longer than 12 Months consult Flowcrete.
<b>Temperature</b>	Storage temperature between 5°C and 35°C.
<b>Protection</b>	Should be stored inside and protected from frost, weather, moisture, direct sunlight and contamination ingress.

## Mixing

The product is supplied in full kits as Part A+Part B. Pack components are preproportioned for mixing full kits. If part kits are to be mixed, this can be completed by using 1:1 mix ratio by volume. Full kit will yield 60m<sup>2</sup> at spread rate of 3m<sup>2</sup>/Ltr.

Pre-mix both Part A and Part B to re-disperse any settlement and decant calculated volume into a separate clean container. Mix with a slow speed drill and helical spinner head for 90 seconds, taking care not to entrain air.

## Water

Water may be added to increase penetration to dense surfaces by adding up to max 20% clean water - for first coat only.

## Application Temperature

The recommended material and substrate temperature is 10 - 35°C, but no less than 5°C. The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening. Temperatures should not fall below 5°C in the 24hrs after application.

## Application / Pot Life

Ready-mixed product should be used within 45 minutes at a temperature of 20°C. At higher temperatures (or if left in bucket) the application time is shorter.

Decant mixed product into smaller quantities if applying small/detailed areas.

## Application Method

Immediately after mixing apply the Flowprime Aquaseal to the prepared substrate by 10-12mm nap roller.

## Cleaning

Tools and equipment can be cleaned with MEK/Acetone/Xylene. Please refer to SDS when using solvents.

## Additional Notes

1. Maximum overcoat time is 24 - 72 hours depending on conditions.
2. The product has reached full chemical cure after 7 days at 20°C.
3. This coating is not UV stable and as a primer or hydrostatic barrier is designed to be overcoated.
4. This product should have no contact with water for 5 days at 20°C or blooming may occur.
5. This product should be installed at 3°C above the dew point.
6. A low temperature/high humidity environment can impact curing times for subsequent overcoating.
7. Please ensure application temperature and RH limits are followed.
8. Wind or strong airflow may cause quick curing and drying of this product.
9. Ensure wind or strong airflow is eliminated during application, however adequate safety ventilation should still be followed.
10. Direct heat during application of this product can cause flash curing and potential delamination. Ensure you do not apply to substrates with temperatures exceeding 35°C.