

Universal Accelerator

Flowcrete Universal Accelerator is a solvent free accelerator (additive) for use in Flowcrete's epoxy flooring range.

Uses

Typically used to accelerate and reduce the curing time of Flowcrete's epoxy resin based flooring products for installations where time is of the essence.

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.



Multipurpose:

Can be used in a variety of epoxy resin flooring systems.



Advanced Technology:

Formulated using advanced resin technology to provide high performance floor finishes.



Easy of Use:

The formulated resin provides excellent application properties.

Packaging

The product is supplied in full units as a 1 component pack.

Single Pack	4 kg	4 Ltr
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Standard Addition Rates

Maximum dosage is 5% accelerator to the weight of the Part B.

Additional Information

Density	Approx 1.0 kg/l (g/cm ³)
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Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm², free from laitance, dust and other contamination.

Substrate should be dry to 75% RH as per ASTM F2170 (AS1884:2012).

Mixing

The Universal Accelerator should be added last after all other components have been mixed. Do not mix Flowcrete Universal Accelerator directly into the Base A.

Application Method

Refer to appropriate system Technical Data Sheet.

Storage

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

Application Temperature

The recommended material and substrate temperature is 15 - 35°C, but no less than 10°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

The application time of the product is shortened by the use of Flowcrete Universal Accelerator. Ensure that the product is used immediately after mixing. Do not allow mixed product to stand in the bucket and ensure that the wet edge is maintained during application. Excess amounts of accelerator will reduce the amount of time available that is necessary for the air (captured during mixing) to be released from the product, which can be reflected in the final finish layer. At higher temperatures the application time is shorter.

Adding the Universal Accelerator will reduce the colour stability so should not be used in the final coats.

Cleaning

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

Additional Notes

1. Please refer to the appropriate product Technical Data Sheet. The Product Data Sheet, Technical Data Sheet and Safety Data Sheet must be read in conjunction with one another.
2. Maximum overcoat time is 24 hours at 20°C.
3. The product has reached full chemical cure after 7days at 20°C.
4. The applied colours may differ from the examples shown.
5. Light and vibrant colours may require additional coats to achieve desired results.

6. Flowcrete assumes no responsibility for the application of incorrect colour.
7. It is the applicators responsibility to verify accuracy of colour prior to application. Flowcrete does not bear any responsibility or accept claims for incorrect colour after application of material.
8. It is recommended that top coat colours match base coat colours to achieve desired results.
9. This system is not UV stable and will discolour unless otherwise stated.
10. This system should have no contact with water for 5 days at 20°C or blooming may occur.
11. This system should be installed at 3°C above the dew point.
12. A low temperature/high humidity environment can cause blooming issues.
13. Please ensure application temperature and RH limits are followed.
14. Wind or strong airflow may cause quick curing and drying of the system.
15. Ensure wind or strong airflow is eliminated during application, however adequate safety ventilation should still be followed.
16. Direct heat during application of the system can cause flash curing and potential delamination.
17. Ensure you do not apply this system to substrates with temperatures exceeding 35°C.
18. The specific slip test rating (P0-P5 range) noted in this document is based on the system design, products listed, coverage rates and specific aggregate outlined in this document. This slip test rating can and will change if the standard specification details or installation methods are altered in any way. The specific slip rating (P0-P5 range) noted in this document is based on 96 Rubber slide testing on level non-inclined surfaces. Applicators should refer to methods outlined in AS4586-2013 and SA HB 198:2014.