



Flowseal EPW

Application instructions

Preparation/Substrate

The surface profile and levels should be appropriate for the system to be applied. Substrate humidity must not exceed 97% RH (surface dry).

Flowseal EPW can be applied on all solid, stable surfaces that enable adhesion. In general the best adhesion is obtained on direct contact with clean concrete, without adhesion inhibiting layers. For this reason laitance is removed by diamond-grinding and thorough vacuum cleaning. The same applies to membrane hardener or other layers that prevent direct adhesion to clean concrete. Old floors are scoured and vacuum cleaned. Contact us for advice if there are contaminants, such as oils etc., in the concrete.

Mixing

Flowseal EPW is supplied in complete kits, A+B.

Transfer Base A into Hardener B and mix thoroughly by mechanical means such as a low speed drill and stirrer. Taking care not to entrain air, mix for app 3 minutes or until a smooth homogeneous mixture is obtained.

Mixed material should be used within 60 minutes and not be diluted with water once the 60 minutes have elapsed.

Remember never to split batches/components. Incorrect mixing ratios or poor mixing can result in irregular hardening or variations in colour etc.

Application

Flowseal EPW is applied with a roller or rubber squeegee/roller. The topcoat is applied when the first coat is dry. The topcoat should be applied after at least 12 hours, and no later than 24 hours after the first coat. Apply at a temperature range of 10-30°C.

NOTE! Make sure there is good ventilation; otherwise there is a risk of matt patches.

Note that:

Flowcrete products are often multiple-component systems. Poor mixing, or incorrect mixing procedures, can result in irregular and incomplete hardening, which in turn can result in an inferior final result.

The temperature should be over 10°C to achieve the best results during application. The temperature of the substrate should be at least 10°C, although a temperature of 15-30°C is recommended.

The temperature of the substrate should exceed the "dew point" by more than 3°C during application and hardening.

The product should be stored in such a way that the temperature is the same as the room temperature where the product is to be applied, i.e. between 15-30°C. This improves the mixing, flow, penetration and hardening of the product.

Make sure there is good ventilation. This accelerates hardening and improves the finish of the product. Max permitted relative humidity is 70%.

The surface can normally be walked on after approx. 15 hours at 20°C. Complete hardening takes 5-7 days.

There are often several types of products at a workplace. Sort the products separately to avoid mistakes.



Consumption/Ratio of Components

		Flowseal EPW Gloss
Consumption of Materials		approx. 7/m ² / L / coat (three coats to be applied)
Ratio of Components	By Weight	1:5.6
	By Volume	1:4.0

Cleaning of Tools

Cleaned with soap and hot water.

Any recommendation or suggestion relating to the use of the products made by Flowcrete SA, whether in its technical literature, or in response to a specific enquiry, or otherwise, is based upon data believed to be reliable, however the products and information are intended for use by Customers having requisite skill and know-how in the industry and therefore it is for the Customer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the Customer has done so at its sole discretion and risk.