

Isocrete Isoseal

Product sheet

Product description

Isocrete Isoseal is a 2-component, water borne epoxy-based sealer.

Uses

For use with anhydrite screeds prior to overcoating with cementitious or resin based products. It may be overcoated with Hydraseal DPM surface damp proof membrane to permit the installation of moisture sensitive floorings when the anhydrite screed is damp i.e. above 75% RH. The RH of the anhydrite screed must not exceed 85% RH when sealed by this method.

Environment

Isocrete Isoseal is a solvent and nonylphenol free product, and practically odourless during application. 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.

Ratio of components

1.18 parts of component A are mixed with 1 part of component B, by weight.

Stir Base A to re-disperse any settlement from storage and transport.

Pour the total contents of Hardener B into the Base A container and drain thoroughly. Mix with a slow speed drill and helical spinner, taking care not to entrain air. Do not mix by hand.

Immediately after mixing, spread the Isoseal using a medium pile roller and/or squeegee, ensuring it is worked into all surface irregularities. Allow the first coat to cure overnight and apply the second coat by the same procedure.

Application temperature and humidity

The recommended substrate temperature is 15 - 25°C, but no less than 10°C.

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

Isocrete Isoseal must not be applied when the atmospheric and substrate RH (Relative Humidity) are above 85%, and the atmospheric RH must not exceed 85% in the 24 hours after application.

Application time/pot life (at 20°C)

When mixed, the product should be used within 30 minutes of mixing.

At higher temperatures the application time is shorter.

Curing time (at 20°C and 50% RH)

Tack free after 2 - 4 hours, can be overcoated after 16 hours.

The product must be overcoated within 36 hrs.

Low relative humidity, maximum 85 %, and good ventilation are prerequisites to achieve the above drying times. The product is fully hardened after 5-7 days.

Coverage

1 st coat	0.20 kg/m ²
2 nd coat	0.15 kg/m ²

(The second coat may be omitted when Isoseal is to be overcoated with Hydraseal DPM.)

Colour

Yellow.

Solids content

Approx. 68%

Density

Component A approx. 1.65 kg/litre.

Component B approx. 1.01 kg/litre.

A+B approx. 1.4 kg/litre.

Storage

12 months in unopened pack.

Storage temperature between 5 and 40°C.

Protect from weather and moisture/contaminant ingress.

Packaging

The product is delivered A+B in the following packs:

Unit		Base A	Hardener B
5 kg	(3.6 litres)	2.7 kg	2.3 kg

CE Mark – see the Declaration of Performance for details.

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 UK Ltd constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete UK Ltd recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.