



ISOSEAL

A two pack, water based, epoxy resin sealer for Isocrete Gylon.

Uses

For sealing and priming Isocrete Gylon, prior to overcoating with cementitious or resin based products.

Recommended as a primer for use on Isocrete Gylon prior to the application of cement based levelling compounds and tile adhesives.

Can be overcoated with Isocrete Aqualock surface dpm to permit the installation of moisture sensitive floorings when the Isocrete Gylon is damp at up to 1.5% moisture content (by weight).

Benefits

- ✓ Easy to apply.
- ✓ Zero organic solvent.
- ✓ Vapour Permeable.
- ✓ Low odour and taint.

Coverage

1st coat 0.20 kg/m²

2nd coat 0.15 kg/m²

(2nd coat may be omitted when Isoseal is to be overcoated with Isocrete Aqualock).

Physical Properties

Ambient conditions:- 20°C& 50%RH

Usable Life 40 mins

Tack-free 2 - 4 hrs

Max. overcoating time 36 hrs

SPECIFICATION

Surface Preparation

Floor sanding machine, grinding or totally enclosed light shot blasting or scarification. All residues must be removed to provide a dry, dust free open textured surface.

Mixing

Pack components are pre-weighed for optimum performance. Never split or proportion packs.

Mix separately Base A and Hardener B to re-disperse any settlement, then add all of Hardener B to Base A. Mix with a slow speed drill and helical spinner head until uniform, taking care not to entrain air.

Do not mix more product than can be applied within the usable life.

Application

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.

General Specification

Isoseal epoxy resin water based sealer to be supplied by **Isocrete Commercial Flooring Ltd**, Sandbach, Cheshire.

Installation to be in accordance with the instructions of Isocrete Floor ScreedsLtd.

Substrate Condition

The Isocrete Gyvlon to be sealed must be:-

- Less than 1.5% moisture content by weight
- Clean, free from oil or other contamination.
- Free from laitence.

Testing of Moisture in the Substrate

Isocrete Gyvlon may be tested for Relative Humidity by the British Standard method, using a hair hygrometer in accordance with BS8203: 1996.

At moisture contents of up to 0.5% or 75% RH, the hygrometer reading is reliable. However, at above 0.5% or 75% RH the hygrometer reading may not be relied on.

Alternatively the moisture content by weight may be determined by the Carbide Bomb method or by oven drying a sample at 40°C.

Temperature & Humidity

Isoseal should not be applied when the atmospheric RH is above 85% or the material or floor temperatures are below 7°C. Temperatures should not fall below 5°C & RH should not exceed 85% in the 24hrs after application.

Although the product is water based, good ventilation is still needed.

Packaging

Available in 5 kg composite packs consisting of Base A & Hardener B

Storage & Shelf Life

Stored unopened in dry conditions at 10 to 25 °C, shelf life will be 12 months minimum.

Tool Cleaning

Clean with water (or soap and water) before the product has cured.

Health & Safety

Some of the components of this product may be hazardous during mixing and application, please consult the relevant Health & Safety Data Sheets, available from Isocrete on request and sent with each delivery.

Further Information

Isocrete has a wealth of technical & practical experience built up over many years in our pursuit of excellence in flooring and concrete technology. Clients are welcome to call our Technical Desk or visit our Technology Centre in Sandbach.

Important Note

Isocrete's products are guaranteed against defective materials and manufacture & are sold subject to its standard Terms & Conditions of Sale, copies of which may be obtained on request. Whilst Isocrete endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, it cannot - because it has no direct or continuous control over where or how its products are applied - accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

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