

TRISEAL DPM

Liquid Damp-proofing Membrane

A liquid-applied damp-proof membrane and water vapour suppressant.



Triseal is a solvent free, two-part epoxy resin coating, primarily for use on screed or concrete floors subject to rising damp, or containing residual construction moisture.

Triseal can be used as both a surface damp-proofing membrane and a water vapour suppressant.

ADVANTAGES

- Solvent free
- Low odour
- Waterproof
- Highly flexible and tough
- Resistant to osmotic blistering
- Water vapour transmission rate less than 4 g/m²/24 hr (at 400 microns film thickness)

TYPICAL USES

Damp-proof membrane, raised access floors, plant rooms, bunded areas containing water and mild chemicals, bathrooms, kitchens, areas subjected to foot traffic and light wheeled vehicle traffic.

TECHNICAL DATASHEET

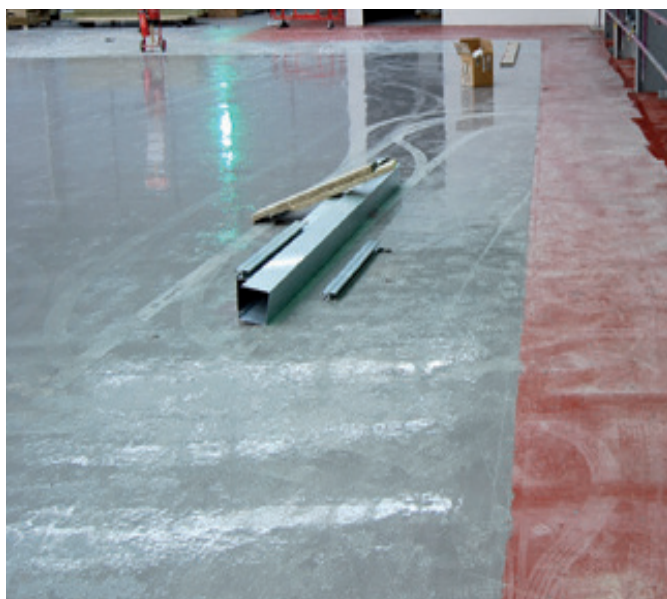


SUBSTRATE PREPARATION

1. The substrate should be sound, firm, clean and free from dust, grease, oil or other contaminants likely to prevent adhesion.
2. New concrete floors or sand/cement screeds must be left for a minimum of 7-days to cure before applying the coating. If necessary, lightly shot blast or scarify the floor to remove curing agents etc. Clean surface as above.
3. Liquid water should not be present on the surface. Moisture within the substrate is acceptable. If there is risk of moisture rising to the surface under pressure, another form of damp-proofing is required, such as a cavity drain membrane system. Contact the Wykamol Technical Department for more information.
4. Fill holes or deep hollows with HydraDry Universal Mortar and Fillet Seal.

MIXING

1. Empty the entire contents of the Hardener Pack (part B) in to the Resin Pack (part A), ensuring the container sides and bottom are scraped of all remaining product.
2. Using a mixing paddle fixed into a slow speed drill, mix the two components together for at least 2 minutes. Scrape down the sides of the container and mix again for a further 1 minute
3. Use the mixed product immediately.



APPLICATION

Pour the product directly onto the floor and spread as evenly as possible using a brush or a medium pile paint roller.

Do not overspread the product.

Apply a minimum of 2-coats to achieve a total film thickness of 400 microns.

Re-coat times will vary depending on substrate and ambient temperatures. Do not exceed 48 hours between coats, to achieve full strength. At 20°C, re-coat in 6-8 hours. At 10°C, re-coat in 14-20 hours.

APPLICATION CONDITIONS AND LIMITATIONS

- Triseal will not bridge construction joints or large/mobile cracks. For a solution to the above, contact the Wykamol Technical Department.
- Mixing ratios are critical and should be strictly adhered to. Always mix whole packs, parts A and B, to ensure ratios are correct.
- Insufficient mixing will result in poor performance.
- To be effective, the coating must be free of thin spots or pinholes.
- Applications during temperatures above 20°C will result in a very short pot life; in such instances, keep the product as cool as possible before use. Once the product has been poured out, the working time is approx. 45 minutes at 20°C. Leaving the mixed product in its container will reduce the pot life.
- Applications during cold conditions (between 5 and 10°C) the viscosity of the product will increase. Store the product in a warm environment for at least 6 hours before mixing and application.
- Do not exceed 48 hours between coats, to achieve full strength.

CURING

- Depending on ambient temperature, full strength cure is achieved in 2 - 7 days.

CLEANING EQUIPMENT

All tools should be cleaned with water immediately after use.

TRISEAL DPM LIQUID DAMP-PROOFING MEMBRANE



PACK SIZE AND COVERAGE

Pack Size: 5 kg and 20 kg, Grey

Coverage:

1st coat 3-4 m²/kg at 200-micron film thickness

2nd coat 4-5 m²/kg at 200-micron film thickness

STORAGE & SHELF LIFE

Store in a sealed container, in temperatures between 5°C and 35°C, protected from frost and direct sunlight. Shelf life is 12 months when unopened, undamaged and stored correctly.

HEALTH AND SAFETY

Avoid contact with skin.

The Wykamol Group always advise the use of appropriate PPE, including gloves, hard hat, goggles, high visibility jackets and steel toe cap boots, when on-site. For further information and advice please contact the Wykamol Technical Department and consult the safety data sheet, which is available upon request or can be downloaded from our website.

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