



TWINSEAL COMPOUND GR

GAS-RESISTANT WATERPROOF SEALING COMPOUND

DESCRIPTION

TWINSEAL COMPOUND GR is an epoxy-based, waterproof sealing compound formulated to provide enhanced gas resistance to structures. It is designed for a variety of surface preparation and waterproofing sealing details for use with PREMCRETE Waterproof Membranes. Once applied, the TWINSEAL COMPOUND GR will form an impermeable chemical-cured connection to a wide variety of substrates. Its thixotropic consistency ensures ease of application to most substrates.

| Property | Value |
|---------------------|---|
| Consistency | Paste-like |
| Colour | Blue |
| Specific Gravity | 1.4 |
| Working Life @ 20°C | 45 minutes |
| Curing Time @ 20°C | Tack-free - 6-8 hours Hard Dry – 16-24 hours Fully Cured – 7 days |

USES

TWINSEAL COMPOUND GR is suitable for use on structural concrete and masonry. It is used for creating a waterproof seal around penetrations through PREMCRETE WATERPROOF MEMBRANES and other difficult junctions, where it is important to maintain the integrity of the membrane. It is particularly suitable for sealing membranes to waterproof and gas resistant coatings where the use of a lap tape is not suitable.

ADVANTAGES

- Provides effective watertight seal at difficult junctions.
- Resistant to Gas and VOC vapours.
- Produces effective seal between otherwise incompatible membranes.
- Easily applied by brush or trowel.

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PROCEDURE

Surface Preparation: Surfaces to receive TWINSEAL COMPOUND GR should be dry and free from dust, dirt, grease, and other deleterious materials. All loose material should be removed. If TWINSEAL COMPOUND GR is to be applied to a waterproof coating, then the coating should be hardened before application of the TWINSEAL COMPOUND GR.

Mixing: The contents of the curing agent component should be poured into the base component tin and mixed thoroughly using a slow speed drill and paddle mixer until a homogeneous mix is achieved, which is uniform in colour and consistency. Special care should be taken to ensure that packs are not part mixed.

Application: When sealing between PREMCRETE Waterproof Membranes and a protruding pile head or pile cap interface, the membrane should be cut tightly to the profile of the concrete with TWINSEAL COMPOUND GR applied by brush as a 3 x 100mm application with 50mm connection onto the geotextile fleece of the membrane and 50mm onto the pile interface. When sealing PREMCRETE Waterproof Membranes onto a pile cap which is cast flush with the blinding level, TWINSEAL COMPOUND GR should be brush applied as a 1mm thick coating to the perimeter of the pile cap before lapping the Waterproof Membrane onto the pile cap perimeter, securing with the METAL WASHER FIXINGS and then sealing over with a further 2mm thick application of TWINSEAL COMPOUND GR.

Trowel finishing of the TWINSEAL COMPOUND GR is also acceptable.

Equipment Cleaning: Equipment should be cleaned using Premcrete Cleaning Solvent.

PACKAGING & COVERAGE

Pack Size: 5kg

Yield: 3.5ltrs

Coverage: Coverage will be 10m when applied as a typical 3 x 100mm.

STORAGE & SHELF LIFE

TWINSEAL COMPOUND GR should be stored in dry conditions at temperatures between 8°C and 30°C. Unopened containers have a shelf life in excess of 12 months.

HEALTH & SAFETY

See separate material safety datasheet.



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Structural Waterproofing | Gas Protection
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