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# RIW SEALING COMPOUND & GRANULES

Sealing Compound is a trowel-grade, sodium bentonite/butyl-rubber based sealant, designed for use with the Structureseal system.

Granules are chemically treated sodium bentonite granules, which are used as a detailing accessory product, with the Structureseal system.

REMEMBER IT'S  
*waterproof* RIW

# RIW GRANULES

## TYPICAL USES

Granules are used loose to fill cavities and voids in the substrate, or to detail critical areas that may require additional protection. Generally used prior to installation of the main Structureseal system. When hydrated and in containment, the Granules form into a dense, impermeable material, that combines with the sodium bentonite in Structureseal to form a seamless waterproof membrane.

Granules can be mixed with water to form a 'paste', which is easy to apply, and will bond to most materials. Once mixed with water, the product is generally applied at 5mm thickness, unless noted otherwise on the relevant details.

When mixed as a paste, the product is designed for the following uses:

**Fillet material** - at horizontal and vertical inside corners, etc.

**Flashing material** - around drains, mechanical and electrical penetrations, kerbs, etc.

**Repair material** - for small defects in the concrete substrate surfaces, prior to post - application of the Structureseal system.

**Trowel-grade material** - for filling/levelling extremely irregular horizontal substrate surfaces.

## APPLICATION

**General:** Remove dirt and other debris from the area to receive the mixed/placed material.

The product may be applied where ambient and surface temperatures are  $-4^{\circ}\text{C}$  or above.

Use only in applications with adequate confinement. Backfill soils should be compacted to 85% Modified Proctor density.

**Preparation to form a paste:** Fill plastic bucket with Granules and add clean water to cover the visible surface area. There is no set proportions and mixing is not required. Allow the water to soak into the material for a few seconds, and a crust will form. Remove the wet crust, mould into a 'sausage' shape, and apply.

If there is too much water on the surface, break through the crust to expose the granules beneath. If the surface is too dry, add more water as necessary.

## SAFETY

Full health and safety instructions are contained on the product material safety data sheets and these must be referred to before use.

## SUPPLY

### AVAILABILITY

All RIW products can be obtained through Builders Merchants or approved stockists. A list of approved stockists is available from RIW's offices.

### PACKAGING

Granules are supplied in 20kg bags  
Approximate coverage rate guide (mixed paste product):  
40 x 40mm inside corner and penetration fillet =  
20 linear metres per bag

### STORAGE

Granules must be stored in dry conditions, under cover, and away from possible contact with water. Store product above  $4^{\circ}\text{C}$ , prior to use.

## TECHNICAL SERVICES

The Technical Department is available to advise on individual projects and to prepare or assist in the preparation of specifications and drawings. A list of experienced applicators of our materials is available from RIW's offices.

# RIW SEALING COMPOUND

## TYPICAL USES

Sealing Compound is a bentonite based material, which swells upon contact with water to seal against water intrusion. With the consistency of thick grease, Sealing Compound is easy to apply and bonds to most materials.

Sealing Compound is formulated for use on structural concrete, masonry and most metal surfaces.

Sealing Compound is a below-ground waterproofing accessory product, designed for the following uses:

**Fillet material** - at horizontal and vertical inside corners, etc.

**Flashing material** - around drains, mechanical and electrical penetrations, kerbs, etc.

**Repair material** - for small defects in the concrete substrate surface, prior to post-application of the Structureseal system.

**Sealing material** - at waterproofing terminations/continuity details, etc.

**Trowel-grade material** - for filling/levelling extremely irregular substrate surfaces, etc.

## APPLICATION

**General:** All surfaces to receive Sealing Compound, should be dry and free of dirt, dust, grease, rust, oil, curing agents or other contaminants. Apply the product just prior to waterproofing membrane installation, unless noted otherwise on the relevant details. Sealing Compound can be applied to structural concrete surfaces, as soon as the formwork is removed.

Sealing Compound may be applied where ambient and surface temperatures are  $-4^{\circ}\text{C}$  or above.

Sealing Compound should be applied as 40 x 40mm fillets at internal corner transitions (when post-fixing the Structureseal membrane onto cast concrete), and around membrane penetration details, etc.

For termination laps with sheet and/or brush applied membranes, Sealing Compound is generally applied as a 5 x 50mm bead, central in a 150mm lap.

Sealing Compound should not be left exposed for

prolonged periods, prior to concrete or backfill placement. Use in applications with adequate confinement only. Backfill soils should be compacted to 85% Modified Proctor density.

Sealing Compound is not an expansion joint 'sealant'.

## SAFETY

Full health and safety instructions are contained on the product material safety data sheets and these must be referred to before use.

## SUPPLY

### AVAILABILITY

All RIW products can be obtained through Builders Merchants or approved stockists. A list of approved stockists is available from RIW'S offices.

### PACKAGING

Sealing Compound is supplied in 25kg litre tubs.

Approximate coverage rate guide:

50 x 5mm bead = 69 linear metres per tub.

40 x 40mm inside corner and penetration fillet = 20 linear metres per tub.

### STORAGE

Sealing Compound must be stored in dry conditions, under cover, and away from possible contact with water. Store product above  $4^{\circ}\text{C}$ , prior to use.

## TECHNICAL SERVICES

The Technical Department is available to advise on individual projects and to prepare or assist in the preparation of specifications and drawings. A list of experienced applicators of our materials is available from RIW's offices.

The information in this literature was correct at the time of going to press. However, we are committed to continually improving our products and reserve the right to change product specifications.

For the latest information, please consult RIW. Conditions of use are beyond our control, therefore we cannot warrant the results to be obtained.

## RIW

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