

# COLAS PRODUCTS DATA SHEET



## LEOSEAL R



**Leoseal R** is an economical flexible waterproofer and crack sealant designed for easy hand application.

**Leoseal R** is a specially formulated combination of bitumen emulsion modified with an elastomer which together form a tough and long-lasting barrier against the entry of water.

**Leoseal R** has excellent adhesive properties and can be applied to green concrete or damp surfaces.

### WHERE TO USE?

- Waterproofing below ground concrete structures
- Crack sealant for roads and footways

### PREPARATION

Work should not be carried out in wet or frosty weather.

Surfaces must be dry or damp (no standing or running water), as well as clean and free from dust, oil and fuel spillage.

### APPLICATION

Stir contents of the bucket prior to use.

#### WATERPROOFING

Apply **Leoseal R** in two coats using a turks head brush. The first coat should be at a rate of 0.55l/m<sup>2</sup> with the second applied at right angles at a rate of 0.45l/m<sup>2</sup>. If the surface is hot, very dry or absorbent it may be helpful to first prime the surface with a thin coat of **Leoseal R** diluted in a ratio of 1 part water to 8 parts **Leoseal R**.

When finished, wash brushes with **Leoclean** immediately followed by soapy water.

When backfilling is necessary the **Leoseal R** treatment should not be left longer than 3-4 weeks before this is undertaken.

#### CRACK SEALING

##### Cracks up to 3mm.

Pour **Leoseal R** into the crack using a spouted can.

Any surplus on the surface should be brushed or squeegeed out to a thin film and dusted over after drying with cement or very fine sand to remove the tack.

##### Cracks >3mm and up to 25mm

Prime the sides of the crack with a brush coat of **Leoseal R**.

Mix **Leoseal R** with damp sand in the ratio of 1:1 by volume to produce a mortar.

Fill crack with the mortar mix.

Compact the material into the crack and smooth off the surface with a trowel.

N.B: **Leoseal R** sets by the evaporation of water from the product. Application should only be carried out in good drying conditions. A rain resistant set will be delayed if the weather is cold, damp or humid.

#### COVERAGE

Waterproofing: 1l/m<sup>2</sup>

Crack Sealing: this cannot be quantified as it depends on the depth of the crack.

#### PACKAGING

**Leoseal R** is supplied in 200kg drums or 15kg re-sealable plastic buckets.

#### STORAGE

Protect from frost.

#### STANDARDS

**Leoseal R** is a proprietary product manufactured to ISO9001 quality system which covers all Colas manufactured products.

#### SAFETY

For full safety information, please request the **Leoseal R** Safety Data Sheet 10 using the contact information below.

#### NATIONAL SALES OFFICE

Loushers Lane  
Warrington  
Cheshire  
WA4 6RZ  
T: 01925 632 616  
E: product.sales@colas.co.uk



WE OPEN THE WAY