



## 1 ABOUT THIS PRODUCT

Captain Tolley's is a low viscosity, specially blended, acrylic copolymer, emulsion-based product with exceptional penetrating properties.

Once set, Captain Tolley's has good flexibility and bond strength.

Its exceptional penetrating properties enable it to be absorbed into fine hairline cracks with minimal assistance and penetrate deep into the structure.

As the product sets, it will seal the crack helping to prevent further ingress of moisture and, provided that the cracks are clean, a good bond will be obtained to the surfaces.

## 2 TECHNICAL DATA

Minimum film forming temperature: 0°C

Capillary rise: (0.5mm diam: 26 mm

Viscosity (BS 3900 Pt 6): 17 c Stoke

Surface tension (Du Noilly Tensiometer): 34 dyne/cm

Adhesion: 1 N/mm<sup>2</sup>

Elongation: 500%

## 3 PREPARATION

The area to be sealed must be clean and as dry as possible. If the area is wet and greasy, it is unlikely that good results will be obtained

## 4 APPLICATION

Captain Tolley's is water based and should be applied to as dry a surface as possible otherwise the product will be too dilute to be effective. The water content of the product must dry out, either through the surroundings or evaporate.

On horizontal surfaces, drizzle directly into the crack from the bottle.

Application with a hypodermic syringe is necessary for overhead operations.

Vertical cracks need to have 'swallow nests' of putty, clay or mastic to allow the product to penetrate sideways, or the cracks may be covered with masking tape.

Apply at 30 minute intervals until no more Captain Tolley's is absorbed. Check for wastage and protect surfaces liable to damage from the product. To ensure that the areas are effectively sealed, repeat treatment after 24 hours.

## 5 SIZE OF CRACKS

In general, cracks or gaps should not exceed 1mm. If the crack or gap is too large, the product may not set and may form a reservoir of liquid.

## 6 TEMPERATURE FOR USAGE

Do not use on cold surfaces where the temperature is less than 5°C, or on hot surfaces above 27°C.

## 7 CURING TIMES

A protective film should form after 24 hours. This will depend upon ambient temperatures.

## 8 STORAGE AND SHELF LIFE

When stored airtight in a dry place at temperatures above 5°C, shelf life is 12 months from date of manufacture.

## 9 PACKAGING

Captain Tolley's is available in 60ml (2oz) and 250ml (8oz) bottles.

## 10 FLASHPOINT DATA

Flashpoint data does not apply to this product as it is water-based. The product is essentially non-flammable and on heating produces steam not flame.

Protect from frost.