

## Ringseal L19

### Hydro-expansive rubber seal for blade caisson spacers



RINGSEAL L19 is a rectangular gasket with a central hole of 19 mm x 2 mm, made with a special hydro-expansive rubber that reacts in contact with water by increasing its initial volume. RINGSEAL L19, used in combination with a normal metal spacer for moulds made of wood ("blade"), hermetically seals the discontinuities which could easily settle in the concrete due to the presence of the spacers; these discontinuities could in many cases pass from one side of the masonry to the other, and which then might seriously compromise the watertightness of the masonry itself.

**CUSTOMS CODE:** 3926 9097

**COMPONENTS:** Single-component

**APPEARANCE:** Gasket

**AVAILABLE COLORS:** Blue

**PACKAGING AND DIMENSIONS:** Small bag 200 unit

### FEATURES AND BENEFITS

The hydro-expansive capacity of RINGSEAL L19 has been tested in the laboratory with three different types of water: demineralised water, salt water and water with strongly basic Ph (to simulate the conditions in contact with the concrete). The expansion tests showed a change in volume ranging from a minimum of about 200% (three times the initial volume) in the case of salt water to a maximum in excess of 900% in the case of demineralised water. In the standard version, the seal RINGSEAL L19 is sized for the usual measures of the blade caisson spacers, normally used in the construction industry: in this case with a width of about 20 mm, in the version straight/flat or "twisted" (designed to minimise the propensity to form deformities during the pouring of the concrete in the formwork).

### FIELDS OF APPLICATION

Subterranean construction of concrete by formwork in wood, where the wall is in direct contact with the ground and where there is the presence of waterproofing layers external to the masonry itself: basements, cellars, underground garages, underground environments and basements, etc.

### ALLOWED SUPPORTS

Concrete - Metallic spacers for wooden formworks

### MODE OF USE

Place the hydro-expansive seal RINGSEAL L19 with the appropriate dilating pliers in central position with respect to the length of the blade caisson spacers (one seal for each spacer). Build the planned formwork using the metal spacer for wooden formworks thus prepared and proceed with the usual operations of casting the concrete.



## APPLICATION METHODS

Apply by hand - Dilating pliers

## KEY FEATURES

⊕ Hydroexpansive product: +200 / +900 %

🕒 Shelf-life: 24 months

☀️ UV-resistant

🚫 Nonflammable

🚰 Suitable for contact with drinking water

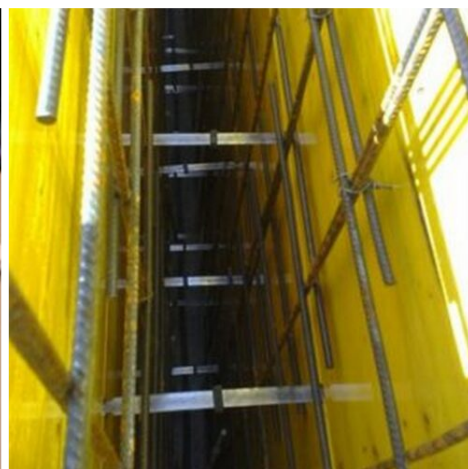
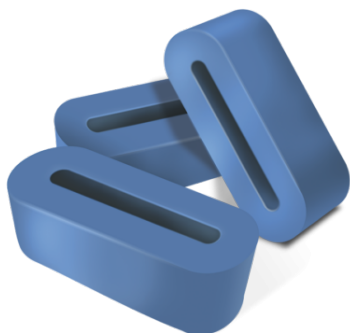
## CONSUMPTION

No. 1 Ringseal L19 gasket for each "blade" formwork spacer (average 6 - 8 pieces per square metre for wooden formworks of 2 x 0.5 metres).

## STORAGE AND CONSERVATION

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Protect from humidity.

## PHOTO GALLERY



## ADDITIONAL CONTENT



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