

## Non expanding cork joint filler

### Uses

Forming and filling expansion and static joints in:

- Pavements and slabs
- Roads, bridges and car parks
- Internal or external traffic areas

### Advantages

- Economical
- Will not extrude under pressure
- Light weight and easy to handle
- Resilient and waterproof

### Standards Compliance

#### Hydrocor Type 2

ASTM Specification D1752-84 (Type 111)

### Description

Hydrocor comprises a range of joint fillers made from cork granules bound together with insoluble, synthetic resin. Hydrocor Type 2 provides the necessary rigid, void-free backing for elastomeric sealants.

### Technical Support

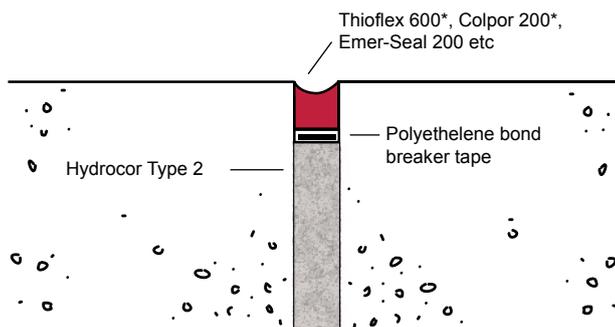
Parchem offers a technical support package to specifiers and contractors as well as on-site technical advice from staff experienced in the construction industry.

### Design Criteria

#### Internal & external traffic areas

Hydrocor Type 2 provides the necessary support for joint sealants subject to pedestrian or wheeled traffic. Where traffic loads may be high it is preferable to recess the joint sealant approximately 2 mm below the surface to avoid direct abrasion.

#### Examples of sealed expansion joints



## Properties

### Technical data Hydrocor Type 2

Form:	Compressible sheet, resin bonded cork
Recovery after 50%:	Greater than 90%
Extrusion at 50% compression:	Less than 1 mm in use
Load required to compress to 50%:	0.75 MPa
Expansion in boiling water (1 hour):	190 kg/m <sup>3</sup>

### Application Instructions

Do not remove waterproof wrapping from Hydrocor until immediately prior to fixing. Hydrocor must be fixed against one section of concrete after shutter removal.

It may be fixed in place by copper nails or by bonding to concrete using Fosroc Construction Adhesive. The next section of concrete is then poured in place with minimal delays, directly against the Hydrocor. After initial cure of the concrete, the top section of the Hydrocor is removed by power brush, grinder or saw to form a sealing slot of the required dimensions.

To avoid the cutting or grinding step, Hydrocor may be initially placed below concrete surface (at depth of required sealing slot) then another section of Hydrocor, timber or polystyrene foam placed above the fixed Hydrocor, reaching to the concrete surface. This unattached top section of filler is easily removed once concrete has cured.

Note: a bond breaker such as polyethylene tape must be applied over the Hydrocor prior to application of the joint sealant. See individual Technical Data Sheets for details.

### Limitations

Hydrocor may cause staining of the surrounding concrete in damp conditions, especially light coloured concrete or where exposed aggregate finishes are produced by high pressure hosing. Staining usually disappears after 6-8 weeks normal weathering. Stiffjoint, a non staining polyethelene foam filler may be more suitable in such applications.

# Hydrocor Type 2

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## Supply

Hydrocor Type 2 is available in a wide range of sizes from 50 mm to 610 mm in width, thickness of 10 mm - 25 mm. Standard length is 1.84 metres or 930 mm.

## Product Code

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SPHCSPEC	50 - 610mm
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## Storage

12 months in original containers when kept in cool, dry conditions.

## Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

## Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

**Corkjoint**