

## Estocell RBCF

### Resin Bonded Cork Filler

#### Description

**Estocell RBCF** is a range of resin bonded cork expansion joint fillers recommended for used in immersed conditions.

**Estocell RBCF** is manufactured from granulated cork bound together with a synthetic resin. It does not contain bitumen or tar and cannot impair the adhesion of any joint sealing compound by contaminating the joint faces.

#### Uses

**Estocell RBCF** are a range of resin bonded cork expansion joint fillers recommended for use in immersed conditions and as expansion joint fillers for joints in:

- Water retaining structures
- Water excluding structures
- Water treatment plants /reservoirs
- Building basement structure and subways
- Concrete retaining walls

#### Advantages

- Simple and easy to handle and install
- Will not extrude under compression
- Resilient
- Low load transfer across an expansion joint

#### Standards Compliance

- **UK Department of Environment Specification No 201, Clause 606**
- **ASTM D 1752-67(R73) Type II**
- **American National Standard A37. 114-1969 (R 75) Type II**

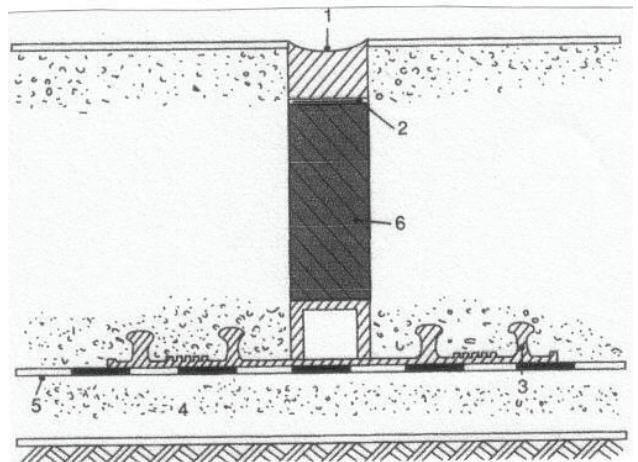
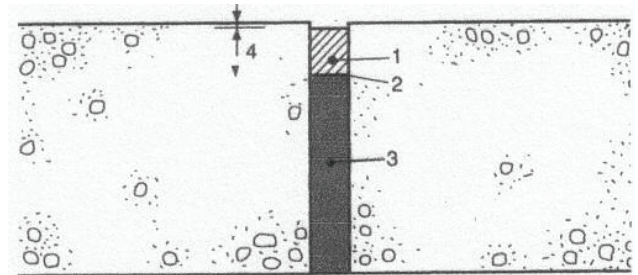
#### Specification Clauses

The expansion joint filler as detailed shall be **Estocell RBCF** supplied by Estop and installed strictly in accordance with the manufacturer's written instruction.

#### Design Criteria

Example of a sealed expansion joint in floor of a Reservoir:

1. Estojoint / Estoliastic
2. Bond breaking tape
3. **Estocell RBCF**
4. Recessed seal



1. Estojoint / Estoliastic
2. Bond breaking tape
3. Estopper Rearguard E250
4. Lean concrete
5. Waterproofing membrane
6. **Estocell RBCF**

#### Physical Properties

Form	Compressible sheet
Solid Content	100 %
Recovery After Compression Test	> 96 %
Compression (Load required to compress a dry sample to 50% of its original thickness)	0.54 N/mm <sup>2</sup>
Density	210 kg/m <sup>3</sup>
Weathering test	No disintegration

#### Joint Sealing

**Estocell RBCF** may be cut back using the cutters to form the sealing slot

In addition to a surface seal, all immersed joints in water retaining structures should contain Estopper waterstops.

### Installation Instructions

**Estocell RBCF** is supplied in piece form. They may be sawn or cut to required sizes. They are used to form and fill expansion joints.

#### In Concrete

**Estocell RBCF** should be fixed, using an approved contact adhesive, spreading grade, to the face of the first placed concrete, follow by casting the second poured concrete.

Sealing slot can be formed by placing on top of the **Estocell RBCF** a strip of soft wood or other former, which can be removed later.

#### In Block Work

**Estocell RBCF** shall be installed whilst laying block work and shall be so placed that a sealant slot is formed. Ensure that the sealant slot formed is free from mortar droppings.

#### Packing & Size

<b>Estocell RBCF</b>	
12.5mm thick	610mm x 915mm sheet
20.0mm thick	610mm x 915mm sheet
25.0mm thick	610mm x 915mm sheet

#### Technical Support

Denka offers a technical support package to specifiers, end-users and contractors, as well as on site technical assistance.

#### Storage

Store in dry, covered condition.

#### Precaution

There are no known health hazards associates with **Estocell RBCF** in normal use.

#### Additional Information

Denka Construction Solutions Malaysia Sdn Bhd and offers a wide range of complementary products which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spalled concrete are available.

## Limitation of liability

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