



# FORMPLUS

## Joint Sealing

### Description

A bituminous based compound which will harden on dowel bars to form a thin plastic sheath which after casting of concrete will allow dowel bars to completely break bond with concrete.

FORMBREAK is manufactured to comply with the requirements of Clause 1011 of the Specification for Highway Works 2001 calls for a minimum movement of 0.25 mm after applying a tensile force at 7 days which subjects the bar to an average bond stress not exceeding 0.14 N/mm<sup>2</sup>.

### Application

Apply to dowel bars by brush or by dipping, allowing for a maximum of 10 days between coating and casting of concrete. Although satisfactory performance will be obtained at up to 16 days between coating and casting a programmed time limit of 10 days is suggested to allow for unprogrammed delays which may occur under site conditions.

During cold weather thickening of FORMBREAK will occur but do not thin. If difficult to apply slightly warm material by the application of indirect heat.

### Coverage

FORMBREAK will perform satisfactorily when applied at a rate of up to 1.8 - 3.6 m<sup>2</sup> per litre, however for estimating purposes experience shows that it is advisable to calculate on the basis of 1 litre to coat a 35 metre length of 25 mm bar or a 43 metre length of 20 mm bar.

Physical Data			
Compound Type:	Bitumen Base	Colour:	Black
Solvents:	Petroleum Spirit	Solids Content :	90 % approx.
Viscosity:	Heavy Liquid	Flash Point:	Above 32 <sup>o</sup> C

### Storage

Store at room temperature and away from direct heat.

### Shelf Life

If stored in correct conditions material will remain usable indefinitely or for the life of the container.

### Specification Clause

All dowel bars should be treated with FORMBREAK Bar Bond-Breaking Compound supplied by FORMWORK DIRECT Building Chemicals Ltd., applied in accordance with the manufacturers instructions.

### Health & Safety

Avoid physical contact with material and excessive inhalation. If contact with skin should occur wash with a suitable antiseptic cleaner and soap and water. If splashes should affect eyes, bath immediately with copious quantities of clean water and then immediately seek medical advice.

Refer to separate FORMBREAK Health and Safety leaflet.

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