

# Data Sheet

## ADOBREAK

### Bar Bond-Breaking Compound



#### 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.

**ADOBREAK** 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 **ADOBREAK** will occur but do not thin. If difficult to apply slightly warm material by the application of indirect heat.

#### Coverage

**ADOBREAK** 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			
<b>Compound Type:</b>	Bitumen Base	<b>Colour:</b>	Black
<b>Solvents:</b>	Petroleum Spirit	<b>Solids Content :</b>	90 % approx.
<b>Viscosity:</b>	Heavy Liquid	<b>Flash Point:</b>	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 **ADOBREAK** Bar Bond-Breaking Compound supplied by **ADOMAST** 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 **ADOBREAK** Health and Safety leaflet.