

TU-Chem Limited

Chemical Compounds for the Construction Industry

Bondbreak

Bar Bond-Breaking Compound

Description

Bondbreak is a bituminous solution designed to provide a thick film on dowel bars. Once dry and the concrete cast, movement is achieved between the bar and the surrounding concrete. **Bondbreak** meets the performance requirements of Clause 2605 of the D.O.E. Specification for Roads and Bridge Works 1969 Clause 109.

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. Re-coating will be required if it is beyond 16 days. During cold weather thickening of **Bondbreak** will occur but do not thin. If difficult to apply slightly warm material by the application of indirect heat.

Clean Tools & Equipment

Tools and equipment may be cleaned with **Sitewash** supplied by TU-Chem.

Health & Safety

Rubber gloves and goggles should be worn. If contact with the skin occurs wash affected areas with proprietary hand cleanser. Eye contamination must be immediately washed with copious amounts of water and medical advice sought.

Technical Data

Type:	Bitumen
Colour:	Black
Solvents:	Petroleum Spirit
Specific Gravity:	0.92
Flash Point:	39 °C
Average Coverage:	1.8 – 3.6 m ² / litre Experience shows that 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.
Shelf Life:	12 months min.

Storage

Store under dry conditions at ambient temperatures and away from direct heat.

Packaging

Bondbreak is supplied in 5 and 25 litre containers

