

## **D-BAR**

### **Debonding Compound**

#### **Description**

D-Bar is designed for coating dowel bars in concrete roads, airfield joints and floor sections and is based on bitumen having a penetration between 100 and 200, blended with hydrocarbon solvents. The consistency of the material is such that once it has dried and the concrete cast, free movement between the bar and the surrounding concrete is achieved.

#### **Specification**

This material is made in accordance with Clause 2605 of the D.O.E. Specification for Road and Bridge works, London H.M.S.O. 1969 Clause 109, and calls for pull out tests on specified sample sizes to a maximum of 0.14 N/mm<sup>2</sup> (20 lb/sq. in.) bond stress, measured 7 days after casting.

Tests made by the Cement and Concrete Association and in several test laboratories associated with Road Construction Contracts have indicated that the bond stress of bars coated with D-Bar does not exceed the specified limit provided that the bars are cast into the concrete not more than 16 days after being coated.

#### **Technical Information**

Type:	Bitumen Base
Colour:	Black
Solvents:	Petroleum Spirit
Solids Content:	90%
S.G.:	0.98
Viscosity:	200 poise Brookfield @ 20°C
Flash Point:	40°C
Coverage:	1.8 - 3.6 m <sup>2</sup> /litre
Storage Life:	12 months

#### **Packaging**

D-Bar is supplied in 5 and 25 litre containers.

#### **Application Instructions**

Apply a liberal coating and allow to harden, maintaining as free of dirt as possible. Do not apply material until the concreting date is known, allowing for a maximum of 10 days between coating and use.

Dipping of bars is acceptable but control of casting should be checked by an engineer.

Thickening of D-Bar can take place during cold weather, however, DO NOT thin material without reference to Nufins.

#### **Storage**

Store at normal temperatures and keep out of the reach of children.

#### **Health & Safety**

Do not smoke during application or allow presence of naked flames. Use rubber gloves and goggles.

#### **Technical Support**

Through our technical department and laboratories we can offer a comprehensive service to specifiers and contractors.

Technical representatives are available throughout the UK to provide further information and arrange demonstrations.



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