

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/mm² (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%
Viscosity	200 poise Brookfield @ 20°C
Flash Point	40°C
Coverage	1.8-3.6m ² /litre
Storage Life	12 month

Packaging

D-Bar is supplied in 5 and 20 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 to provide further information and arrange demonstrations.

