

Overview

Duxseal is a multi-purpose sealing and caulking compound with excellent adhesion and high shape retention characteristics.

Due to its unique characteristics Duxseal compound is widely used throughout industry in a virtually unlimited number of applications.

Duxseal adheres to most clean surfaces. It is insoluble in water and unaffected by moisture, ordinary gasses and condensates. Seals out dust, dirt, water, acids, air, fumes and gasses. It will not harm or stain hands.

Duxseal is re-useable. It is easily removed and reapplied whenever necessary. Both application and removal are done by hand and no heat is necessary. Duxseal has excellent shape retention. It is easily formed to fit any application and holds that form.

Duxseal is ideally suited to filling the small gaps between irregular shaped conductors (such as steel reinforcing bars) and the graphite moulds used in the FurseWELD exothermic welding process.

Composition

Duxseal has a heavy putty-like consistency. It is compounded with a non-asbestos inert fiber and non-drying synthetic oil base.

The unique formulation of Duxseal overcomes the problem of flammability in a non-hardening putty. The premium waxes and oils, used in Duxseal, keep Duxseal soft and pliable (even in the presence of air) and yet Duxseal does not support flame.

Mechanical Specifications

Sizes and weights:	1 lb and 5 lb
Colour:	Grey/green
Vehicle (base):	Synthetic oil
Odor	Slight, indeterminate
Consistency (Penetration) ASTM D-5	105-1158 (50 gram load)
Specific gravity	1.67 (typical)
Temperature range:	
Maximum - continuous	125 °F
Brief periods	200 °F
Minimum	-35 °F
(Approximate average - Not for specification)	



BS EN ISO 9001
Q6054



The shelf life of Duxseal is indeterminate if care is taken in storage. A characteristic slight stiffening of stored Duxseal disappears with light kneading at time of usage.

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