

POLYBOND TECHNICAL DATA SHEET

CHARACTERISTICS

Utilising Petroplus polymer bitumen

POLYBOND is a high binder polymer modified emulsion. The Vialit pendulum cohesion results conform to a polymer surface dressing emulsion. Polybond conforms to EN13808.

POLYBOND can be provided with binder content of 50,60 or 65%

POLYBOND has been designed to give a stronger adhesive bond between the bituminous layers than a traditional tack coat; but has the advantage of being a harder grade bitumen which helps prevent pick up at ambient temperatures.

POLYBOND 65 can be used as an adhesive to be used on vertical joints.

Property	Units	Test Method	Specified Limit(s) POLYBOND
vialit cohesion	j/cm ²	pendulum	greater than 1
Penetration @ 25_C	dmm	EN 1426	40-60
Softening Point	_C	EN 1427	48
Ductility Recovery @ 25_C (minimum)	%	prEN 13398 (modified)	40 Minimum
Storage Stability @ 160_C for 7 days	-	Specification for Highway Works	5_C Maximum



Bituchem Building Products
HEAD OFFICE:
Laymore Road
Forest Vale Industrial Estate
Cinderford

Phone:
01594 826768
Fax:
01594 826948
E-mail: info@bituchem.com

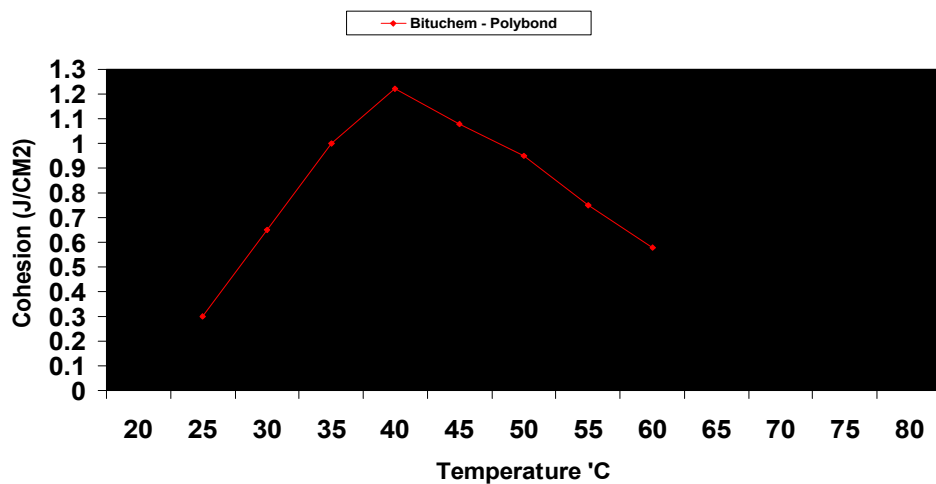
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HEALTH & SAFETY

POLYBOND should be used with the COSHH DATA found in the Bituchem Safety Data Sheet Handbook

COHESION PERFORMANCE

Typical Vialit cohesivity (Pendulum method) test results detailed below illustrates the improvements in cohesive strength that **POLYBOND** provides compared with unmodified Bitumen



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BITUCHEM BUILDING PRODUCTS LTD

BITUCHEM BUILDING PRODUCTS LTD, FOREST VALE INDUSTRIAL ESTATE, CINDERFORD, GLOUCESTER, GL14 2YH

TEL: 0870 458 2161 FAX: 0870 458 2162

EMAIL: INFO@BITUCHEM.COM WWW.BITUCHEM.COM