

Bituseal S

Cold Applied Flexible Solvent Base Bituminous Protective Coating

Description	A Low viscosity flexible bitumen base protective coating. It is a blend of selected, bitumen in a special solvent and selected stabilizers and adhesion compounds; It is complying with ASTM D 4479
Where to use	• Bituseal S provides a continuous barrier against water ingress thus it is considered as a water & vapor barrier damp-proof course for: • Belowground concrete protection. • Concrete slabs of bathrooms, roofs, and balconies. • Concrete curing by water retention. • Steel & concrete pipes. • Corrosion protection to metal surfaces.
Advantages	• Easy to use as it is a single component. • Economic. • Resistant to most naturally occurring chemicals. • Can be applied to damp concrete substrates. • Quick drying. • Excellent adhesion to most common building substrates. • High coverage rate. • Good mechanical properties. • Does not crack at low temperatures.
Properties	
Specific Gravity at 23 °C	0.95 ±0.05
Solid Content %	55 %
Heat resistance	-20 °C - +90 °C
Drying time, to touch	1.5 - 2 hours
Drying time, to work on	24 Hours
Penetration 23 °C	25 - 30mm
Surface Preparation	• All surfaces must be clean, free from grease, oil • All surfaces must be firm and thoroughly clean • Holes and joints must be filled with Kemrepair
Mixing	• Stir the material inside the drum thoroughly until a homogeneous consistency
Application	• Apply Bituseal S by brush, roller, or airless spray • For poorest surfaces apply a prim coat of Bituseal S primer to minimize the absorption of the surface and to allow a good adhesion of topcoat to the under layer • Apply a full coat of Bituseal S and allow drying • Apply a second coat of Bituseal S at right angle to the first coat • Apply minimum 2 coats with an interval of 3 hours
Theoretical coverage	0.15 - 0.2 Kg /m ² /coat Minimum of 2 coats are recommended
Packaging	15 Kg Pails 200 Kg Drums
Shelf life & Storage	12 months, when unopened

Health and Safety	• This product is of low toxicity but normal precautions should be observed • Wear gloves, and if working overhead or spraying, wear goggles • Wash off any skin splashes with soap and water • Eye contamination should be treated by irrigating the eye with an eye bathing solution • Ensure adequate ventilation in confined spaces and use breathing aids • If ingested, drink milk or water and seek medical attention
Additional Information	PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble-free durable structures. PROKEM designs tailor-made products should there be a critical application that requires specific properties rather than our main range. For our customer's satisfaction. PROKEM reserves the right to change the properties of its products. All orders are accepted subject to our current terms of sale & delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request. PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products