TECHNICAL DATA SHEET

RE1040SBS

MULTI-PURPOSE RUBBERIZED BITUMEN EMULSION

Product Description

A latex SBS bitumen emulsion for waterproofing and protective coating applications. It is a reinforced, single-component bitumen emulsion supplied as a dark brown liquid that dries to form a black flexible coating. Suitable for concrete, asphalt, metal, roofing felt and similar roofing surfaces, whether flat, sloping or vertical. It may be used as a damp-proof membrane, vapour barrier and protective coating for below-ground concrete. Once dry or cured, it forms a tough, flexible barrier that is impervious to water and vapour transmission.

Advantages & Applications

General waterproofing and damp-proofing of concrete, asbestos cement sheets, roofing felts and wood; protection of steelwork, pipes and metal; vapour-permeable coating that allows the substrate to breathe; reduced chloride penetration due to hard impermeable surfaces; simple application without skilled labour; single component, supplied ready to use; solvent-free; cold applied with no heating required; non-slumping and easy to apply by brush.

Standard Compliance

ASTM D1227, Type III, Class I, and ASTM D3747, Type I. The source sheet states compatibility with a variety of substrates when applied at a rate of 2–3 m² per litre.

Typical Properties

PROPERTY	SPECIFICATION
Specific gravity at 25°C	0.99–1.01
Appearance	Dark brown; black when dry
Recommended covering capacity	3–5 m²/L
Approx. solids content (W/W)	Minimum 40%
Drying time at 25°C	2–4 hours
Elasticity	>500%
Rubber content (DFC)	10%

BRAND	PRODUCT CODE	PRODUCT CATEGORY
WEKANO	**RE1040SBS**	**BITUMEN WATERPROOFING**

Application Procedure

STAGE	RECOMMENDATION
Surface preparation	All substrates must be sound, clean, dry and reasonably smooth, and free from protrusions, voids, honeycombs and high spots. Curing agents, paint and oil may impair adhesion.
Priming	Priming is not normally required on good-quality, well-prepared substrates.
Application	Apply by brush, broom or squeegee. One or two coats are recommended depending on the degree of protection required.
Recoat interval	Allow a minimum of 3 hours between coats under normal conditions.

Packaging & Storage

PROPERTY	SPECIFICATION
Packaging units	15 L and 200 L units
Storage conditions	Store in shaded warehouses, away from heat, humidity and moisture.
Shelf life	18 months

Chemical Resistance

EXPOSURE	RESULT
Potable water	Excellent
10% Sodium Hydroxide	Satisfactory
5% Sodium Sulphate	Satisfactory
Moist heat (70% + 80% RH)	Satisfactory

Cleaning

Tools and spillage may be cleaned using water, white spirit or paraffin.

Health & Safety

As with all chemical products, avoid contact with skin, eyes, mouth and foodstuffs. If splashes occur, immediately wash the affected area thoroughly with clean water. If swallowed, seek medical attention.

Brand & Company Information

Brand	WEKANO
Product code	RE1040SBS
Brand owner	International Kingdom for Building Materials LLC
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Legal Note: The information and recommendations are provided in good faith based on available product knowledge and experience. Actual materials, substrates and site conditions may vary. The user must verify the product's suitability for the intended application. Refer to the latest product data sheet before use.