



AIWIN PASTA-5

FIBRATED WATERPROOFING BITUMEN EMULSION



Description:

AIWIN PASTA-5 is a one part, stable water- Bourne, rubberized bitumen emulsion reinforced with long mineral fiber. It is dark brown in color and dries to a black flexible coating: which is odorless and non-tainting

Uses:

- Waterproofing and moisture barrier for use on such materials such as concrete, tiles, slated, mastic asphalt, roofing felts, asbestos cement.
- Metal protection against corrosion of pipes, structural steelwork and other metallic equipment's.
- Vapourseal for insulation.
- It also provides a lightweight waterproofing layer over insulation in conjunction with a fiberglass tissue.

Standard:

ASTM D1227 – 95 – TYPE 11 class 1

Application:

- All surfaces should free from dust, dirt, oil, grease, and loose material. If the surface is ferrous metal, asbestos cement, covered with oxidized bitumen or dusty prime with **AIWIN PASTA-3** and allow it to dry before over coating.
- Stir **AIWIN PASTA-5** well before use and apply minimum of two coats by brush or spray.
- **AIWIN PASTA-5** can be applied to damp surfaces, although both coating and surface must be able to dry before the emulsion will cure to a waterproof film, Allow 24 hours between coats and apply each coat at right angles to the previous coat. To maximize durability and flexibility, the coating can be reinforced with a fiberglass tissue. Protect from rain and frost until cured.

Cleaning:

- Clean equipment with water immediately after use before **AIWIN PASTA-5** dries, use paraffin or white spirit if the materials have dried. During work place tools in water when not in use.

Health & Safety

- **AIWIN PASTA-5** is not flammable,
- Under normal conditions of storage and use, **AIWIN PASTA-5** is unlikely to be a health hazard providing skin contact is avoided.
- Eye contact :protect the eyes from splashes by wearing goggles if splashed ,wash with clean water and consult a doctor



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TECHNICAL SPECIFICATIONS

CHARACTERISTICS	STANDARDS	VALUES
Color		Black
Application Temperature		Not below 5°C
Service Temperature		-10°C to 85°C depending on operating conditions
Heat Flow Resistance		Dried film will not flow or sag
Drying Time		4-6 Hours depending on air change, temperature , humidity and porosity of substrate, allow 24 hours between coats .
Specific Gravity	ASTM D2939	1.05 approximately
Solids Content	ASTM D2939	60% Minimum
Shelf Life		12 months minimum
Storage requirements		Cool dry conditions, protect from frost
Flammability		No tendency to flash or ignite
Toxicity		Nontoxic under normal conditions of use
Chemical resistance		Resistance to : water, alcohol, most salt solutions, available on Soil and ground water some dilute acids and alkalies.
Flexibility		Provides a firm but flexible coating,will soften at high temperature
Shrinkage Factor		Approximately 40% wet to dry state
Water vapor resistance		Temperature * 0.10 perms @ 1.5 mm thickness (25°C and 75 % R.H.) Tropical * 240 GNs/Kg. @ 1.5 mm thickness (38°C and 90 % R.H.)
Preparation / Primer		AIWIN PRIMER on dusty, ferrous metal, asbestos cement or Oxidized bitumen surfaces.
Approximate Coverage		1 to 1.25 liters per square meter per coat.
VOC		0 ppm.
Packing		20 and 200 liter /Drum

This technical data complement to ASTM, B.S, and UEAtc.

This product data sheet supersedes all previous data publication pertaining to this product.

All values given refer to standard production within the usual factory tolerance.

(Variation of ±5% in thickness, ±10% in weight, and 20% in tensile and 15% in elongation is acceptable according to standard).

Aiwin reserve the right to change said values without advance notice but without affecting the quality of the product.