



DUWRAP SP

SELF-ADHESIVE DAMP PROOF COURSE



DESCRIPTION

DUWRAP SP is a general purpose self-adhesive pipe wrapping tape designed for corrosion protection of pipelines and various metal surfaces in small and large industries.

DUWRAP SP is a specially made durable, high performance, damp proof membrane designed using polymer modified bitumen with fiber base laminated with special aluminum sheet and covered with polyolefin foil or sand to comply with **BS 6398: 1983 (Class E)**.

OUTSTANDING FEATURES

- Excellent anti corrosion property
- General-purpose pipe wrapping tape
- Excellent adhesion to metal surfaces
- Ideal for hot climate and tropical conditions
- Resistance to high temperatures
- Excellent resistance to chemical attack
- High mechanical strength
- Rot proof and self-sealing
- High resistance to UV rays and weathering
- Easy application

SPECIFICATION COMPLIANCE

DUWRAP SP membranes exceed the requirements of ASTM, UAETc and other relevant international standards.

MAIN USES

DUWRAP SP is designed to:

- Protect pipes from corrosion in exposed or underground piping installation.
- It is used for protection of pipes exposed to high ambient temperature and highly corrosive environment as well as areas where soil stress and heavy backfill is employed.
- It is a general-purpose anti-corrosive pipe wrapping tape used in industrial and chemical pipelines such as oil, gas, water and wastewater pipelines.
- **DUWRAP SP** is used to protect pipe joints, tanks conduit, tie rods, couplings, flanges and other metal surfaces as well as for repair and maintenance of existing pipelines.

QUALITY ASSURANCE AND WARRANTY

Duproof is an ISO 9001 Quality Assured Company and DUWRAP SP membranes carry a material warranty against any manufacturing defects.



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METHOD OF APPLICATION

1. All pipe surfaces to be wrapped must be perfectly smooth, clean and remove any moisture, dust, dirt, rust or other loose materials.
2. Remove oil and grease with a suitable standard petroleum solvent.
3. **DUWRAP SP** is applied by peeling back the siliconized release foil from the tape.
4. Place the adhesive side of the tape onto the surface of the pipe and start wrapping.
5. Remove the release foil as the wrapping progresses. Make sure to apply enough tension on the tape to achieve a complete thorough firm adhesion, conformability and to remove entrapped air.

DUWRAP SP is recommended to apply at temperatures above 5°C. During cold conditions, place tape between 20°C and 30°C at least 1 hour before application. **DUWRAP SP** can be hand or machine applied. It can also be applied in pre-cut strips with length equal to the pipe circumference plus overlap.

Contact the technical department of your local distributor for advice.

STORAGE

DUWRAP SP rolls must be kept upright on pallets under shade. **DUWRAP SP** pallets should not be stacked over each other.

HEALTH AND SAFETY

There are no direct health hazards associated with **DUWRAP** membranes. Normal precautions for hot and volatile substances should be observed during application. Refer to our MSDS sheets for advice.

GENERAL DATA

Thickness	(mm)	1.5	1.8	2.0
Roll length	(m)	15		
Tape width (Available)	(cm)	10, 15, 20, 25, 30, 50		
Coating		SBS-modified self-adhesive bitumen		
Type of carrier	G/m ²	Aluminum sheet		
Top		Special Co extruded HDPE film		
Bottom		Siliconized removable foil / paper		

TECHNICAL DATA

PROPERTY	UNIT	TEST METHOD	VALUE
MECHANICAL PROPERTIES			
Tensile strength (L/T)	(N/5 cm)	UEAtc	380 / 230
Elongation (L/T)	(%)	UEAtc	20 / 25
Elongation (Compound)	%	ASTM D 638	2000
Tear resistance (L / T)	N	ASTM D 4073	150 / 135
Adhesion to Self	N / mm	ASTM D 1000	> 2.5
Adhesion to primed concrete	N / mm	ASTM D 1000	> 2.0

In accordance with the standard up to 20% variation is expected

Tolerances on nominal values shown are as per UEAtc directives for polymer modified bitumen membranes. These data are correct at the time of printing but may be changed without any prior notice subject to clients requirements availability of raw materials or other conditions. This data sheet supersedes all previous publications pertaining to this product. All reasonable care has been taken in preparing this document, which to the best of our knowledge is accurate and true. Recommendations and suggestions are made in good faith and should only be considered for general guidance. No liability is assumed or taken by us in relation to the application, as usage conditions and any labour involved are beyond our control.