

SELFDAN SP2 PROWRAP

Cold Applied Fleece Laminated Self-adhesive Wrapping Tape

DESCRIPTION

SELFDAN SP2 PROWRAP is a cold applied flexible self-adhesive Wrapping Tape designed to provide protection to below ground pipelines, insulated piping and equipment against corrosion and electrolysis, vapor ingress and moisture build-up and condensation.

Composed of a self-adhesive protective coating with strong geo-textile fleece backing, the tape is suitable for coating small to large diameter bare pipes / insulated pipes, bends, tees, equipment etc. It has a lower surface finish of releasable polyethylene film.

SELFDAN SP2 PROWRAP Conforms to AWWA C209 norm.

ADVANTAGES

- Controlled thickness in factory ensuring constant non-variable site application
- Easy and fast Application
- Application at room temperature
- Excellent adhesion to various substrates
- Excellent conformability to pipes and pipe sections
- Total flexibility of the material, and perfect accommodation to the support
- Excellent mechanical properties in both directions
- Provides maximum resistance to water or vapor transmission
- Fleece lamination on top surface imparts better puncture resistance against back-fill soil.
- Protects substrate from deterioration from exposure to below ground acids and alkalis found in normal soils
- Provides improved resistance to hydrocarbon contaminated soils
- Elastomeric properties allow for movement of the substrate

USES

Product used for the protection of underground and non-exposed insulated / non-insulated concrete and metallic pipelines, equipment and substrates from detrimental effects of corrosion and electrolysis, vapors and moisture condensation in areas such as,

- Water supply pipelines
- Fire hydrant supply pipelines
- Oil and gas pipelines
- Coal log supply pipelines
- Chemical supply pipelines
- Sewage pipelines
- Waste water disposal pipelines
- Coarse particles (ores and minerals) conveying pipelines
- Mineral waste transport and disposal pipelines
- Electric supply cables carrying pipelines
- Telecommunication cables carrying pipelines

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

- The external surface of insulated / non-insulated pipe shall be thoroughly cleaned to remove rust, dirt, dust, moisture, grease, oil, mill scale, welding splatter, slivers, scabs, foreign substances etc., using appropriate tools & methods.
- Presence of moisture on pipe, if any shall be removed by warming the pipe surface using gas torch or hot air blower.
- It is recommended to prime the non-insulated pipe/equipment surface using a primer **TIKI PRIME S @** 6 to 8 m²/ltr., prior to installation of tape.
- Primer should be dry before the application of the tape. Drying time depends of the temperature and humidity.
- For wrapping and protection of insulated pipelines, priming is not required.

APPLICATION

- **SELDAN SP2 PROWRAP** Tape is wrapped around the pipe / insulated pipe in spiral / cigarette method and bonded completely by releasing the film and pressing it against the surface.
- Overlap of at least 50mm should be maintained properly at the time of application. At the overlap areas, Geo-Textile from the bottom sheet should be removed before lapping the two sheets, while maintaining minimum 50mm overlap.
- Leave pipes untreated 150mm to 200mm from ends on either side to facilitate welding.

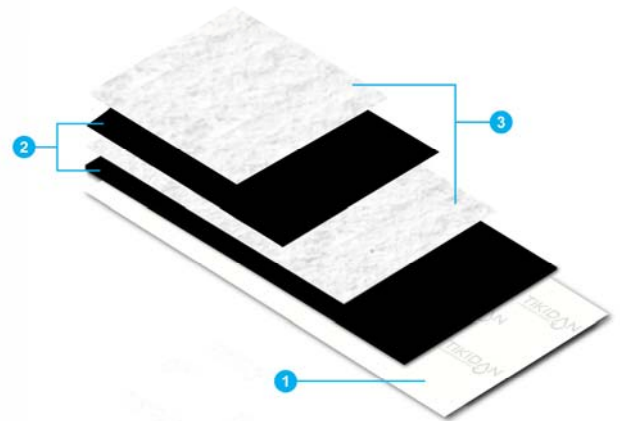
PROPERTIES

| Properties | Value | Standard |
|---|-----------------|----------------------------------|
| Reaction to fire | E | UNE-EN 11925-2 UNE-EN 13501-1 |
| Watertightness | Pass | UNE-EN 1928 |
| Longitudinal tensile strength | 700 ± 200 N/5cm | UNE-EN 12311-1 |
| Transversal tensile strength | 450 ± 150 N/5cm | UNE-EN 12311-1 |
| Longitudinal elongation at break | 45 ± 15 % | UNE-EN 12311-1 |
| Transversal elongation at break | 45 ± 15 % | UNE-EN 12311-1 |
| Resistance to static loading | 5 Kg. | UNE-EN 12730 |
| Resistance to impact | 900 mm | UNE-EN 12691 |
| Flow resistance at elevated temperature after aging | 100 ± 10°C | UNE-EN 1110 |
| Flexibility at low temperature | < -15 °C | UNE-EN 1109 |

ADDITIONAL PROPERTIES

| Properties | Value | Standard |
|--|---------|---------------|
| Nominal thickness | 2 mm | - |
| Flow resistance at elevated temperature | >100 °C | UN-EN 1110 |
| Dimensional stability at elevated temperature (longitudinal) | <0.6 % | UNE-EN 1107-1 |
| Dimensional stability at elevated temperature (transversal) | <0.6% | UNE-EN 1107-1 |

PRESENTATION



1. Releasable Polyethylene film
2. Protective Coating
3. Geo-Textile Backing and Reinforcement

IMPORTANT RECOMMENDATIONS

- **SELDAN SP2 PROWRAP** tape should not be applied when temperature is below +10°C
- Must be stored in a dry place protected from rain, sun, heat and cold temperatures.
- **SELDAN SP2 PROWRAP** tape after application should not be left exposed to sun for extended period to prevent from U.V. rays damage.

SUPPLY

SELDAN SP2 PROWRAP tapes are supplied in 20 meter length and in required widths from 50 mm to 1000 mm in multiples of 50 mm.

STORAGE

This product is not-toxic and non-flammable. It must be stored dry and protected from rain, sun, heat and low temperatures. It must be stored upright.

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