



PRODUCT DATA SHEET

HDPE MEMBRANE LAP TAPE – SANDED GRADE

Single-Sided Self-Adhesive Sanded HDPE Tape

DESCRIPTION:

HDPE Membrane Lap Tape – Sanded Grade (SS) is a high-performance single-sided self-adhesive tape specially designed for repair, detailing, and sealing applications in sand-finished HDPE membrane systems. The tape consists of a durable carrier coated with high-tack pressure-sensitive adhesive on one side and protected with release liner. The exposed surface is sanded to ensure excellent compatibility with subsequent bonding layers or sealing compounds.

It provides strong adhesion, reliable sealing performance, and enhanced durability in waterproofing systems.



USES

PAZ23H5012 POLY D/S BL TAPE is recommended for:

- Repair of punctured or damaged sand-finished HDPE membranes
- Edge termination sealing
- Joint reinforcement
- Detailing at corners and penetrations
- Localized patchwork applications

CHARACTERISTICS / ADVANTAGES

- Strong adhesion to prepared HDPE membrane surfaces
- Sanded finish allows better bonding with overlays
- Good tensile strength
- Easy to cut and install
- Reliable performance in below-grade waterproofing systems

PRODUCT INFORMATION

Type

Single-sided self-adhesive sanded tape

Chemical Base

Pressure-sensitive adhesive coated on a carrier

Appearance

Sanded surface finish

Standard Size

20 m x 100 mm

(Other sizes available on request)

Shelf Life

12 months from the date of production

Storage Conditions

Store in original unopened packaging in dry and clean conditions.

Protect from direct sunlight and excessive heat.

Recommended storage temperature: +5°C to +30°C.

TECHNICAL DATA

Property	Typical Value
Nominal Thickness	(Confirm required – e.g. 1.0 mm)
Adhesion Strength	High initial tack
Application Temperature	+5°C to +45°C
Service Temperature	-20°C to +80°C

(All values are typical laboratory values and subject to tolerance.)

APPLICATION INFORMATION

Ambient Air Temperature: +5 °C min. / +40 °C max.

Substrate Temperature: +5 °C min. / +40 °C max.

APPLICATION INSTRUCTIONS

Substrate Quality

All contact surfaces must be dry, clean, and free from dust, oil, bitumen, curing compounds, and other contaminants that could impair adhesion.

Substrate Preparation

For sand-finished HDPE membranes:

- Remove sand from the bonding zone using a scraper.
- A hot air gun may be used for easier sand removal.
- Ensure the prepared surface is smooth and suitable for bonding.

Application Procedure

Surface Repair / Patchwork

1. Ensure the membrane surface is clean and properly prepared.
2. Cut the tape to the required dimension.
3. Remove the release liner from the adhesive side.
4. Apply tape firmly to the prepared membrane surface.
5. Use a pressure roller to maximize adhesion.
6. Ensure edges are properly pressed and sealed.

IMPORTANT NOTES

- Apply uniform pressure to ensure proper bonding.
- Avoid application on damp substrates.
- Protect from prolonged UV exposure.
- Concrete must be poured carefully to avoid membrane damage.
- Avoid sharp objects during concrete consolidation.
- Tape must be protected before backfilling.
- Not permanently UV and weather resistant.

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BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH, AND SAFETY

Users must read the most recent corresponding Safety Data Sheet (SDS) before using the product. The SDS provides information and guidance on safe handling, storage, transportation, and disposal of the product.

LOCAL RESTRICTIONS

Due to specific local regulations, declared product data and recommended uses may vary from region to region. Consult the relevant local Product Data Sheet for exact product data and application guidance.

LEGAL NOTES

The information and recommendations relating to the application and end use of this product are given in good faith based on current knowledge and experience when properly stored, handled, and applied under normal conditions.

No warranty in respect of merchantability or fitness for a particular purpose can be inferred from this information. Users must test product suitability for intended use.



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