



FlexBand Overbanding Tape Technical Data Sheet

Intended Uses:

FlexBand Overbanding Tape is a preformed bitumen & thermoplastic, hotmelt overbanding tape used for the permanent repair of open cracks, joints and seams to prevent moisture ingress after road repairs etc.

Based on high-performance elasticized resins and polymers, the tape is easily unrolled and melted (torched on) to form a tough, adherent and sealed surface, while not going brittle unlike other manufacturing attempts from many other UK providers.

FlexBand is manufactured with anti-slip properties built in. Flexband has over 110 SRV (Skid Resistant Value).

The highly adhesive material adheres to both asphalt and concrete surfaces, when applying FlexBand to concrete (especially smoother concrete), we recommend use of a primer. Please contact your SouthTeq representative for more information on best practice.

Properties of SouthTeq FlexBand

- Anti Skid/Slip Surface
- Rapid curing/setting (Less than 5 minutes at ambient temperatures)
- Contains no toxic substances, lead or heavy metals
- Environmentally friendly product - supports worker safety (no heavy machinery required)
- No wastage due to accurate sizing & no required mixing or further work
- Designed to remain slightly malleable throughout its lifetime making it more resilient
- No minimum road temperature requirements for application
- Flexible even at freezing temperatures

Technical Data

Sizes

35mm x 5m

50mm x 5m

Other sizes can be manufactured to order with notice for production

25kg hot melt bags can also be requested to produce

Method of Application

Step 1

Before starting application, ensure the surface is clean & dry, we recommend that you always sweep the application surface with a soft or hard bristled broom (which SouthTeq can also provide) to ensure a lack of adhesion via dirt or debris.

Step 2

Pre-heat the surface using a propane gas application torch. This will aid in drying the surface prior to application and also allow the FlexBand roll to initially stick to the surface before full application.

If the application of the FlexBand Overbanding Tape is performed on surfaces other than asphalt, apply SouthTeq's recommended Thermoplastic High Penetration Primer & allow it to dry before continuing with application.

Step 3

Position the FlexBand Overbanding Tape onto the pre heated application surface and cut to size if necessary.

Step 4

Keeping the application torch perpendicular to the surface, evenly heat the FlexBand Overbanding Tape until the material becomes molten, melts, and conforms to the profile of the surface. (If heating onto Tarmac/Asphalt you should be able to see a slight vision of the initial texture through the melted FlexBand)

Required Heating Temperature

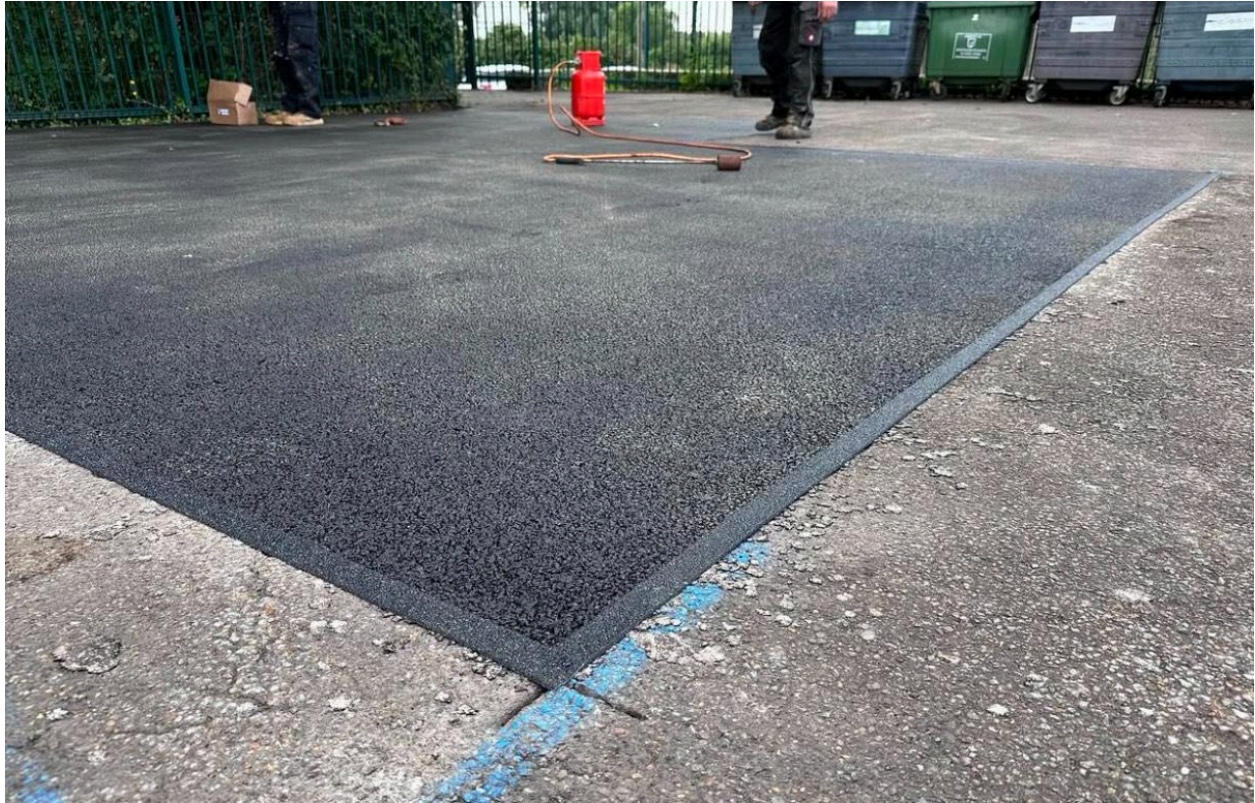
Minimum of 190C (Degrees Celsius)

Hardening / Traffic Ready Time

Approximately 5-10 minutes depending on outdoor temperature - SouthTeq always recommend allowing 10 minutes to be safe.

Storage & Shelf Life

Store out of direct sunlight in dry conditions between 5-40C (Degrees Celsius) - SouthTeq guarantee that FlexBand Overbanding Tape will not be brittle even if stored at lower/freezing temperatures, however the stated conditions are optimal. Shelf life is 12 months when stored as recommended in original unopened container.



CAUTION

- Application to concrete, brick, stone, or iron surfaces requires a primer.
- Always consult with technical department if unsure.
- Always wear safety clothing / protection. Respirators, eye protection and skin protection.
- Contact with molten material can cause severe burns

