




PLASTELEN®-TB System

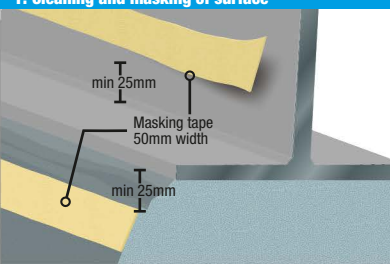
Attention



- No frost on the surface.
- Abrasive blast cleaning is optional.
- The overlap of all tapes in circumferential direction shall be as minimum 100mm.

| Product | Material temperature °C (°F) | | Relative humidity % | Storage temperature °C (°F) |
|--|--|------------|---------------------|--------------------------------------|
| | Material | Surface | | |
| PLASTELEN®-TB Primer | +10 to +50 (+50 to +122) | > +8 (+46) | < 80 | dry and frost-free < +40 (< +104) |
| PLASTELEN®-TB Mastic | | | | |
| PLASTELEN®-TB Tape | | | | |
| PLASTELEN®-TB ProtectTape | | | | |
| PLASTELEN®-TB AcrylCoat | | | | |
| Surface preparation | The special specifications of the processing recommendation must be observed. | | | |
| Health, safety & environmental protection | Installation must be carried out in accordance with local and customary environmental and safety regulations. The safety and environmental instructions on the labels and safety data sheets of the products must be observed. Wear personal protective equipment such as safety glasses, protective gloves and closed work clothing. Protect soil from contamination. | | | |

1. Cleaning and masking of surface



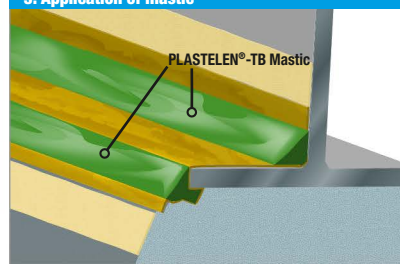
- Remove dirt, oil and grease from the surface of tank base and concrete base.
- Remove scale, loose rust, loose paints, sharp paint edges by hand or power tool cleaning to achieve a finish of min St 2 acc. ISO 8501-1.
- Apply the masking tape in circumferentially around tank and concrete base as shown in the figure.

2. Application of Primer



- Apply a thin layer of **PLASTELEN®-TB Primer** on the surface between the masking tapes.
- Take care, that the substrate outside the masking will not be contaminated.

3. Application of mastic



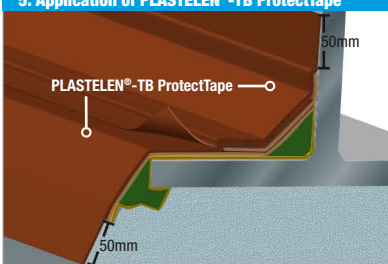
- Fill all cracks and small voids and profile a 45° angle on the tank base.
- Take care, that the substrate outside the masking will not be contaminated.

4. Application of PLASTELEN®-TB Tape



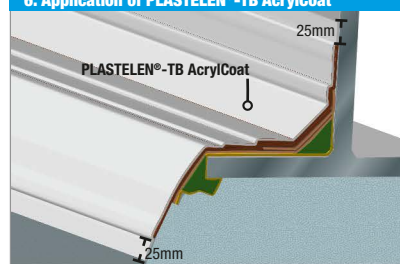
- Apply the first tape strip, starting from the concrete base, in line with the masking tape.
- Apply the following tapes, up to the masking tape on the tank base, with a minimum overlap of 25mm to the proceeding.
- Smooth down all tape layers, ensuring there are no air pockets.
- Remove the masking tapes without contamination of outside substrate.

5. Application of PLASTELEN®-TB ProtectTape



- Apply the first tape strip with minimum 50mm overlapping on the concrete base. **Attention:** Peel off the interleaving foil.
- Apply the following tapes, up to 50mm above the **PLASTELEN®-TB Tape** on the tank base, with a minimum overlap of 25mm to the proceeding.
- Smooth down all tape layers, ensuring there are no air pockets.

6. Application of PLASTELEN®-TB AcrylCoat



- It must be ensured, that the tank base coating is complete and undamaged in the application area of **PLASTELEN®-TB AcrylCoat**.
- Apply the **PLASTELEN®-TB AcrylCoat** with a minimum dry thickness of 500µm.
- The edges of **PLASTELEN®-TB ProtectTape** have to be overlapped by a minimum of 25mm.

7. Inspection

- Ensure that the entire surface to be protected is covered with no gaps or air pockets.
- Ensure that the correct overlap is achieved.