

DENSO STEELCOAT TANK BASE PROTECTION

INSTRUCTIONS FOR USE

PROTECTION AND SEALING OF STEEL TANK AND WORN CONCRETE BASE



USE:

For the protection of bases of above ground storage tanks for new installations and refurbishment from corrosion.

APPLICATION EQUIPMENT LIST:

Brush, cleaning solvent, utility knife, overalls, gloves, cleaning cloth, masking tape, tape measure.

SURFACE PREPARATION:

Tank base and concrete base surfaces must be dry and free from dirt. Tank Base to be solvent wiped with a clean cloth to remove any grease deposits. Use Power wire brush or scrapers to remove all scale, loose rust and old flaking coatings to achieve a finish of St2 according to ISO 8501-1 or Swedish Standard SIS 0055900. Abrasive blast cleaning is optional.

SYSTEM COMPONENTS:

- Denso Hi-Tack Primer and Denso Butyl Primer
- Densyl Mastic for profiling and sealing voids
- Single layer of Denso Hi-Tack Tape
- Single layer of Denso FB30 or PCS SteelGard 400 Tape
- Denso Urethane or Acrylic Topcoat

Due to the fact that the tank base profile / design can vary so much the illustrations are not drawn to scale and are intended to be used for reference only. This also applies to the number of strips of tape depicted in the diagrams, which can also vary according to the specific tank design.



LEADERS IN CORROSION PREVENTION & SEALING TECHNOLOGY

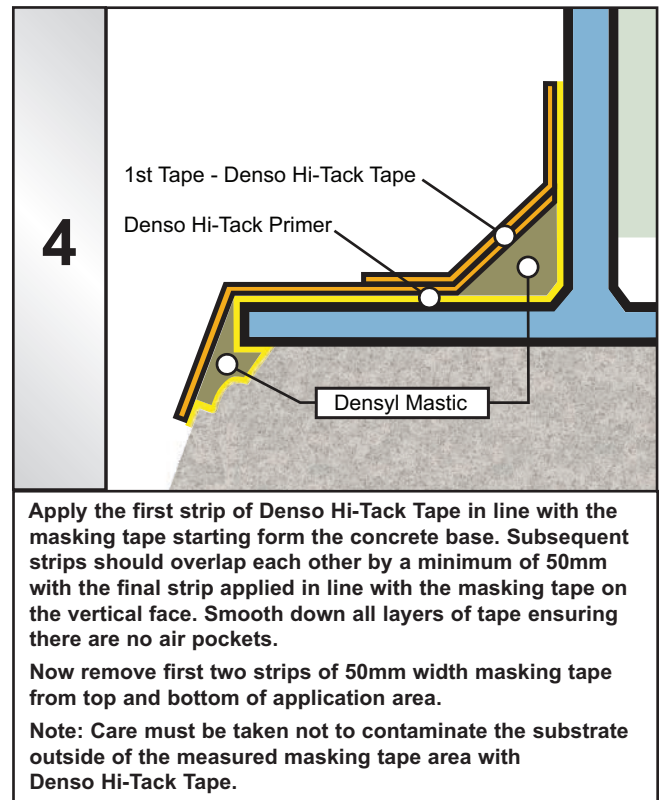
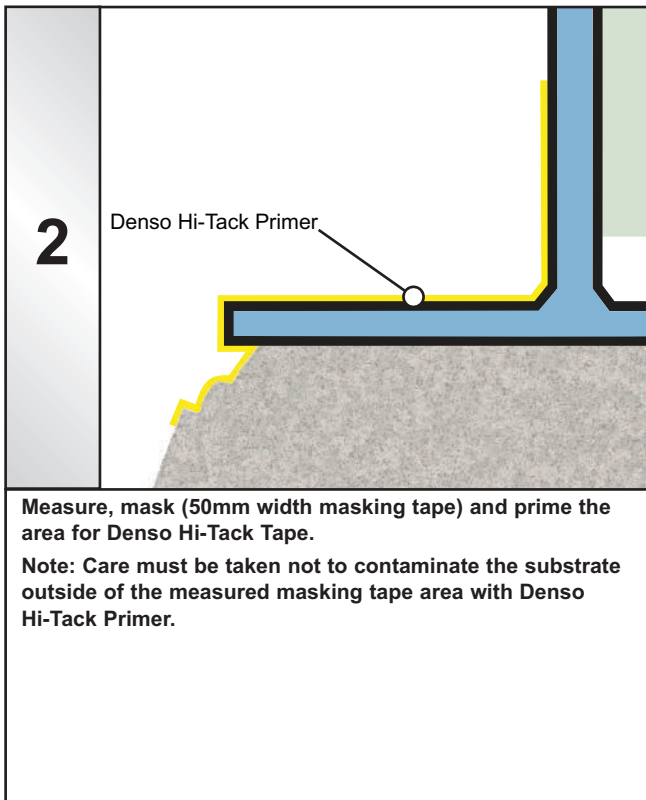
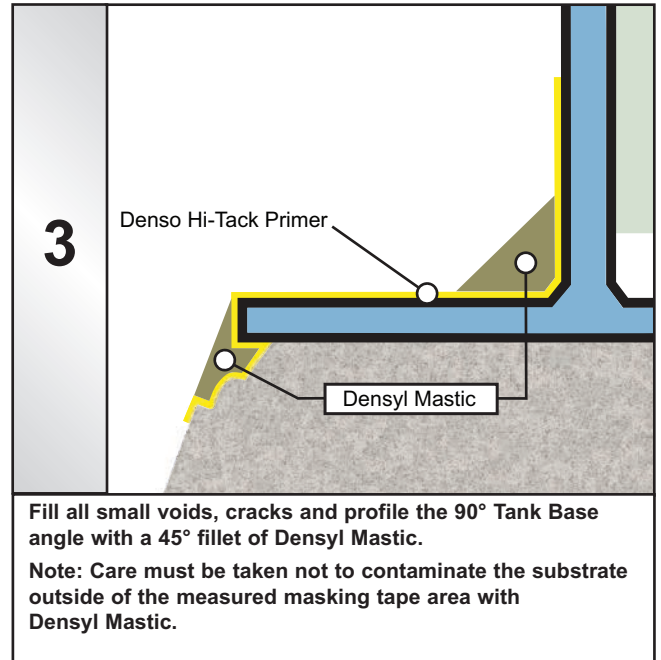
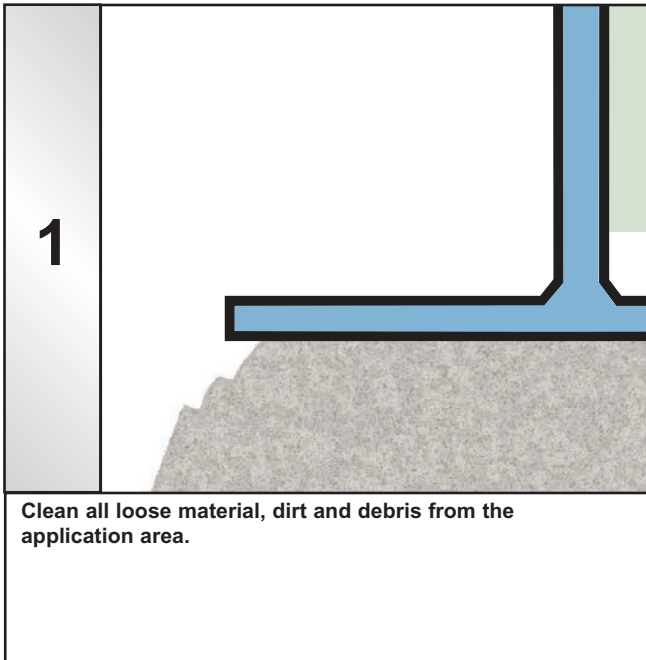


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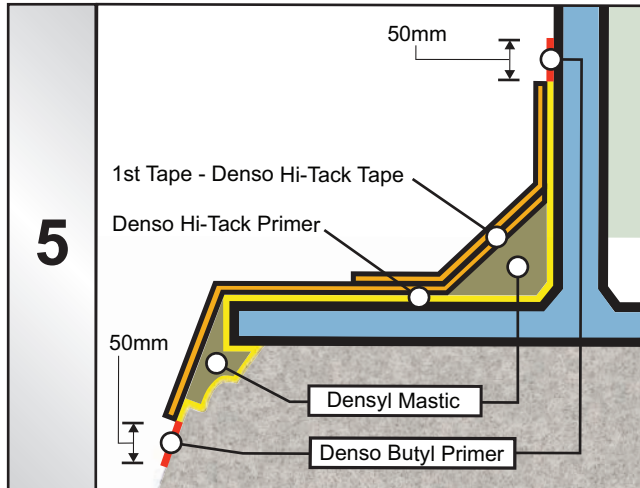
APPLICATION:

Please note that after cleaning (Fig 1), it is important to measure and mask the area for the brush application of the DENSO HI-TACK PRIMER first, typically 150mm to 300mm from the tank base on the vertical face and then around the circumference of the tank.

Once the DENSO HI-TACK PRIMER has been applied the masking tape can be removed.

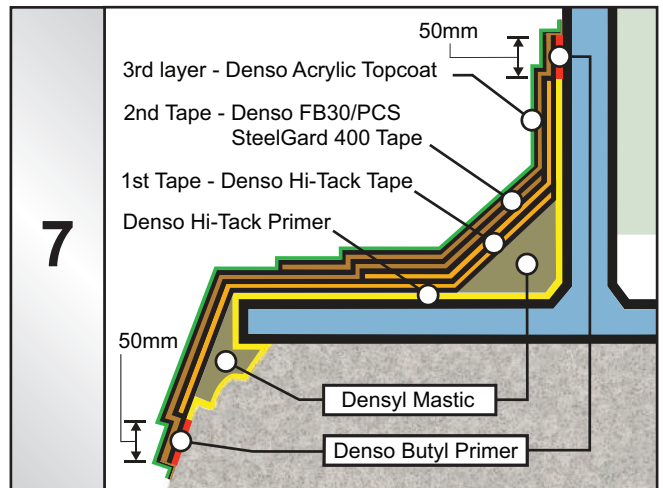


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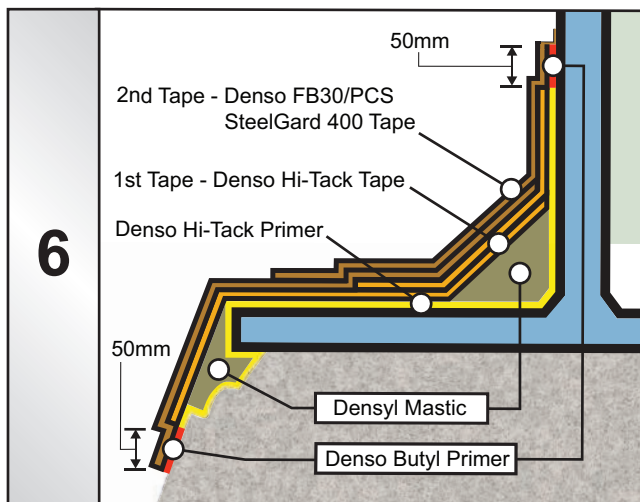
Measure and mask top and bottom allowing for the application of a 50mm strip of Denso Butyl Primer as shown in red. Brush apply primer and allow to dry (approx 20 minutes). Now remove second two strips of 50mm width masking tape from top and bottom of application area.



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Brush apply 2 coats of the Denso Acrylic Topcoat onto the Denso FB30/PCS SteelGard 400 Tape.

To ensure that the wider-interleaving edges of the Denso FB30/PCS SteelGard 400 Tape are coated and completely wet through with the final layer of Denso Acrylic Topcoat we recommend that masking tape is applied 15mm above the wider interleaving edge of the Denso FB30/PCS SteelGard 400 Tape.



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Apply the first strip of Denso FB30/PCS SteelGard 400 Tape starting from the concrete base carefully aligning the bitumen adhesive with the outer edge of the Denso Butyl Primer. Subsequent strips should overlap each other by a minimum of 50mm providing a weatherboarding effect. As per the first strip, the last strip on the vertical face should be carefully placed with the bitumen adhesive aligned with the edge of Denso Butyl Primer. Smooth down all layers of Denso FB30/PCS SteelGard 400 Tape ensuring there are no air pockets.

INSPECTION:

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

STORAGE:

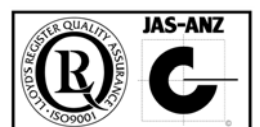
Store correct way up in original packaging. Store away from heat and open flames. Do not store in direct sunlight. In cold conditions the tape may need to be warmed to comply with minimum application temperatures.

HANDLING:

Please refer to current safety data sheets.

NOTE:

These Instructions may not cover all circumstances and must be read in conjunction with the project specifications. For further advice contact Winn & Coales (Denso) Ltd.



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