

TANK BASE PROTECTION SYSTEM

INSTRUCTIONS FOR USE

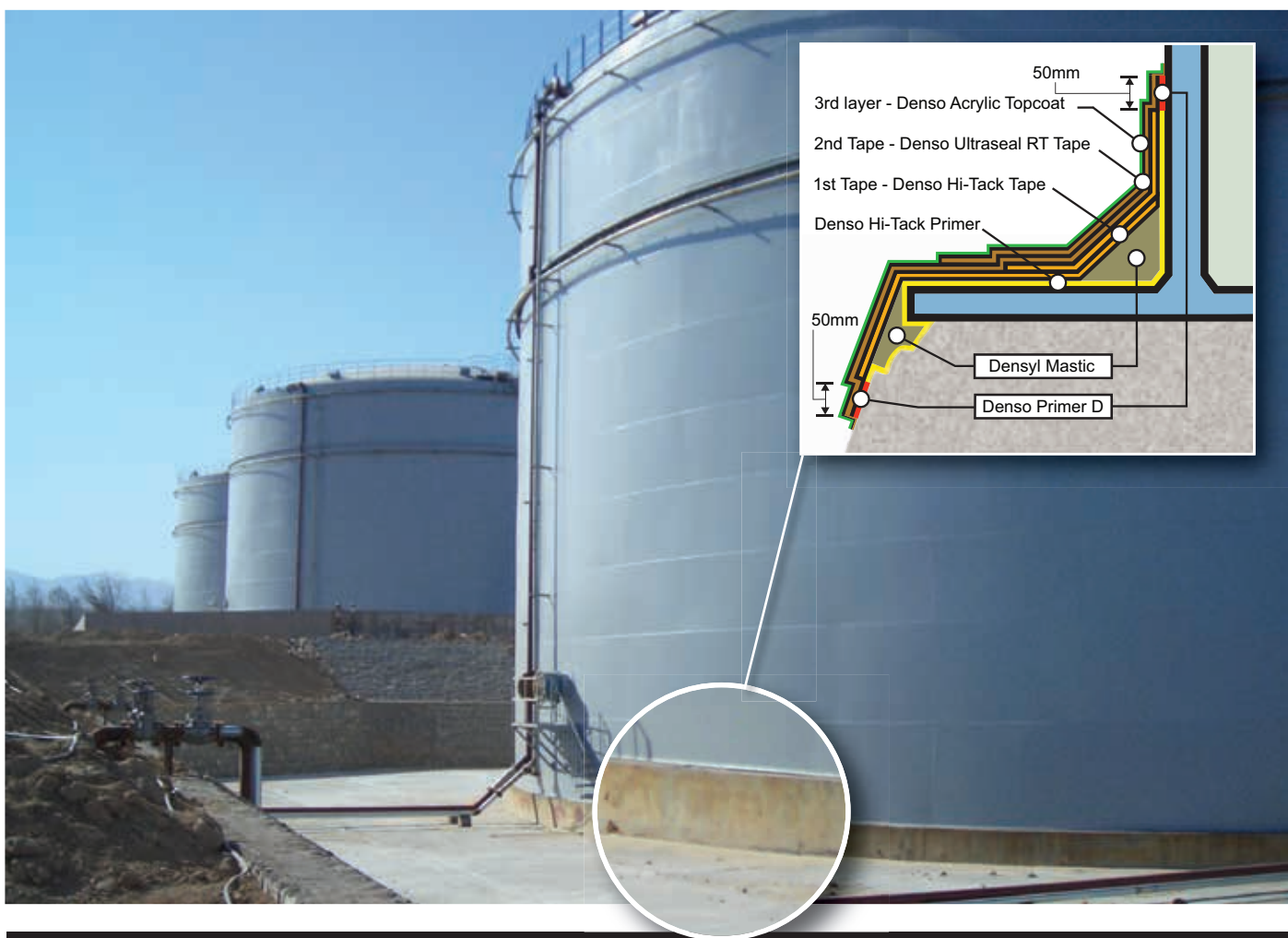
For the protection and sealing of above ground storage tanks and worn concrete bases from corrosion in new installations and refurbishment.

SYSTEM COMPONENTS

- DENSO™ HI-TACK PRIMER • DENSO PRIMER D™ • DENSYL™ MASTIC
- DENSO™ HI-TACK TAPE • DENSO™ ULTRASEAL RT TAPE • DENSO™ URETHANE or ACRYLIC TOPCOAT

APPLICATION EQUIPMENT LIST

Brush, 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.

TANK BASE PROTECTION SYSTEM

IMPORTANT

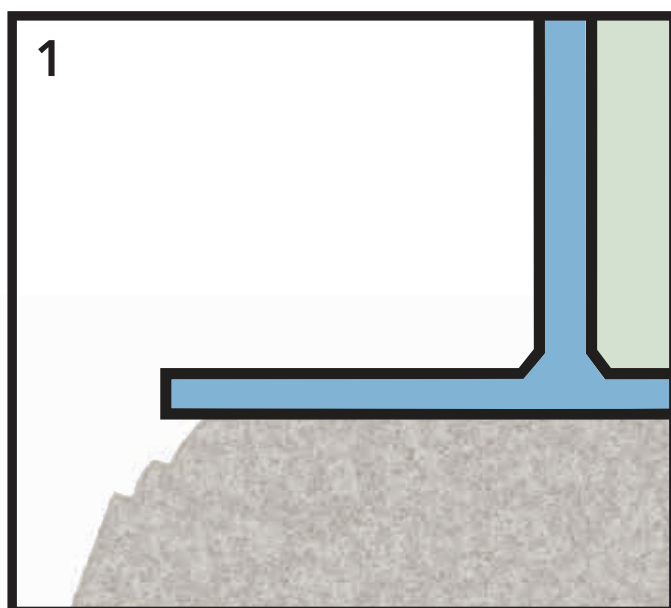
Due to the fact that the tank base profile / design can vary so much in reality, the illustrations shown here are not drawn to scale and are intended to be used for reference only.

This also applies to the number of strips of tape depicted in the diagrams, which can also vary according to the specific tank design.

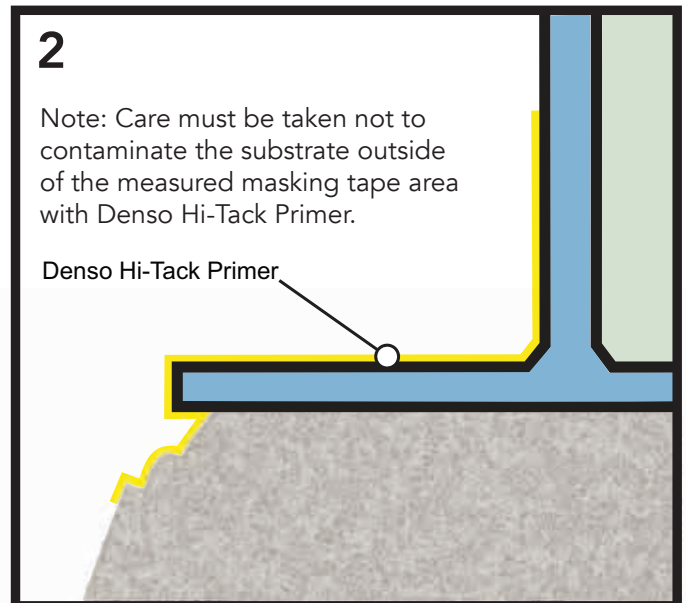
APPLICATION

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.

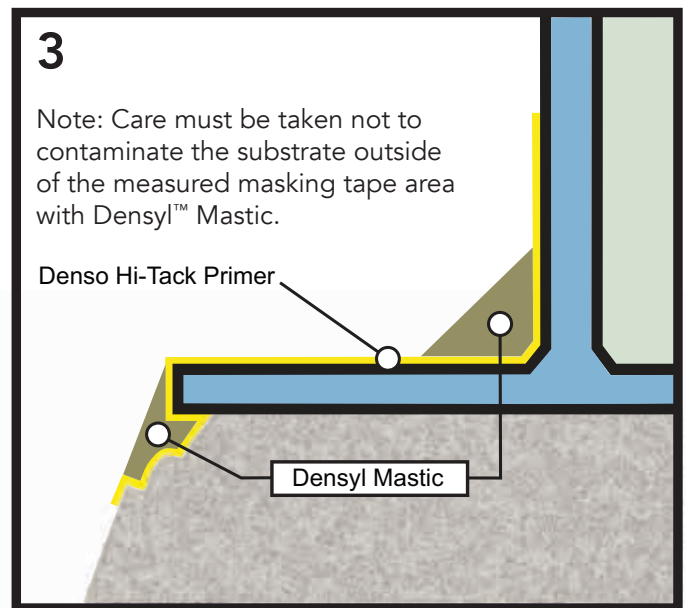
Once the DENSO HI-TACK PRIMER has been applied the masking tape can be removed.



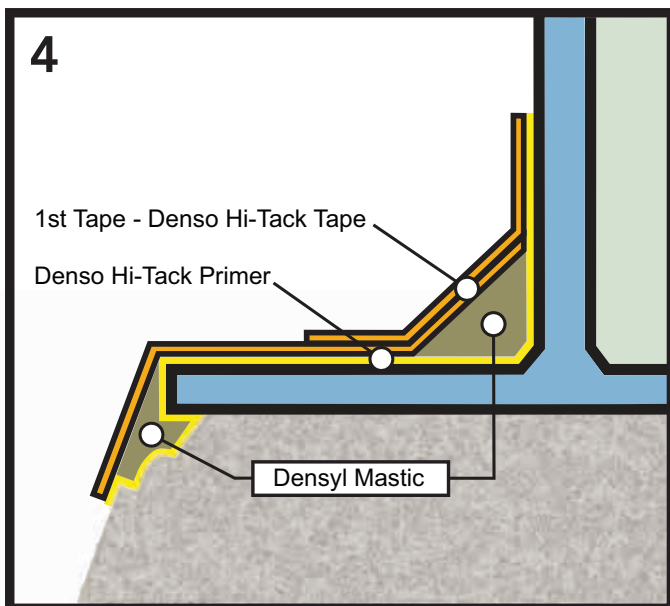
Clean all loose material, dirt and debris from the application area.



Measure, mask (50mm width masking tape) and prime the area for DENSO™ HI-TACK TAPE.



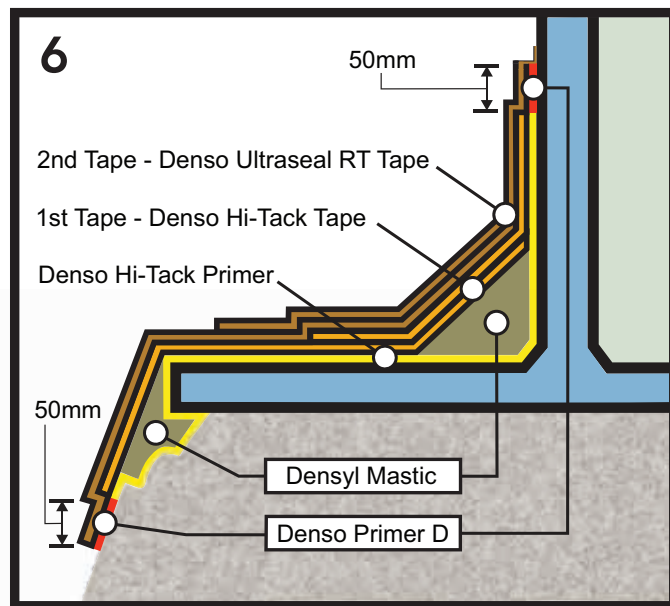
Fill all small voids, cracks and profile the 90° Tank Base angle with a 45° fillet of DENSYL MASTIC.



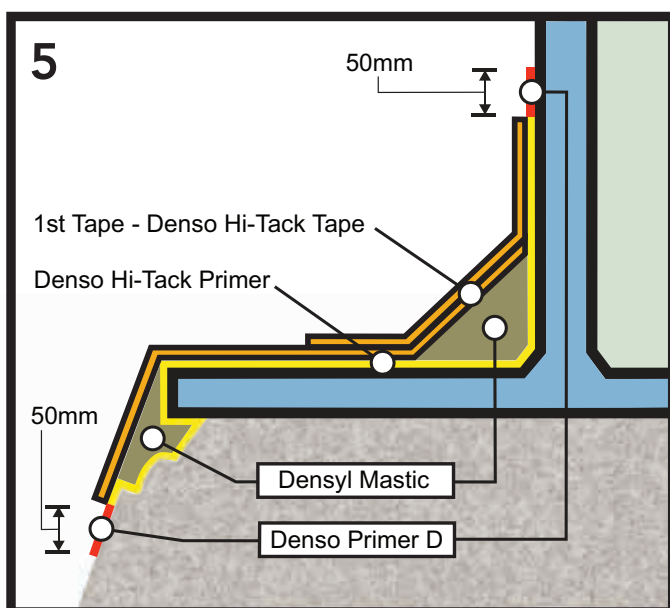
Apply the first strip of DENSO™ HI-TACK TAPE in line with the masking tape starting from the concrete base. Subsequent strips should overlap each other by a minimum of 50mm with the final strip applied in line with the masking tape on the vertical face. Smooth down all layers of tape ensuring there are no air pockets.

Now remove first two strips of 50mm width masking tape from top and bottom of application area.

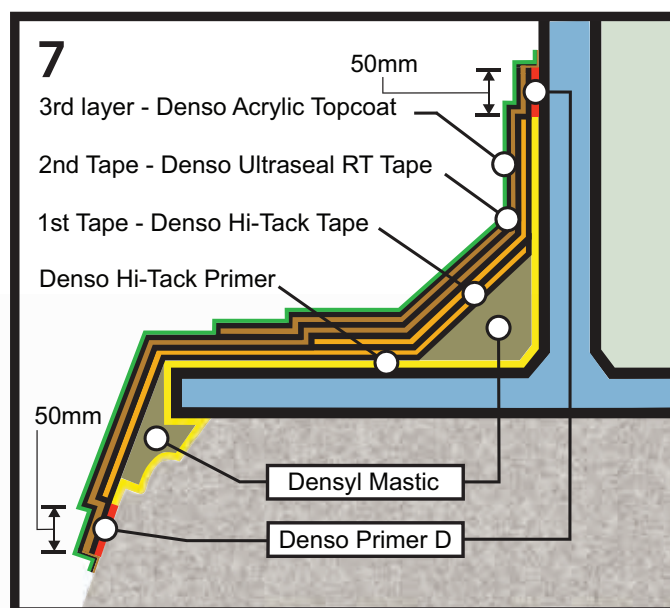
Note: Care must be taken not to contaminate the substrate outside of the measured masking tape area with DENSO HI-TACK TAPE.



Apply the first strip of DENSO™ ULTRASEAL RT TAPE starting from the concrete base carefully aligning the bitumen adhesive with the outer edge of the DENSO PRIMER D. 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 the DENSO PRIMER D. Smooth down all layers of DENSO ULTRASEAL RT TAPE ensuring there are no air pockets.



Measure and mask top and bottom allowing for the application of a 50mm strip of DENSO PRIMER D™ 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.



Brush apply 2 coats of the DENSO™ ACRYLIC TOPCOAT onto the DENSO ULTRASEAL RT TAPE.

To ensure that the wider-interleaving edges of DENSO ULTRASEAL RT TAPE are coated and completely wet through with the final layer of ACRYLIC TOPCOAT, we recommend that masking tape is applied 15mm above the wider interleaving edge of the ULTRASEAL RT TAPE.



STEELCOAT™

TANK BASE PROTECTION SYSTEM

INSTRUCTIONS FOR USE

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.

ACTION IN CASE OF...

FIRE: Extinguish with dry powder, carbon dioxide or chemical foam. Air breathing equipment may be necessary in large fires.

SKIN CONTACT: Wash with warm water and mild soap.

Please refer to current safety data sheets.

DISPOSAL:

Please do not discard waste material, including packaging, in the surrounding environment. Follow all relevant legislation for disposal.

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.

IMPORTANT:

Winn & Coales (Denso) Ltd pursue a policy to develop and continually improve all of our products and therefore information given in these instructions for use is intended as a general guide and does not constitute a warranty, specification or risk assessment. Instructions for use are intended to provide sufficiently detailed information to achieve successful installation in normal circumstances. These guidelines may not cover all circumstances; however, our sales personnel are committed to assisting the user in establishing the suitability of the product for its intended purpose and additional specific information, advice and training (including Safety Data Sheets) is available. It is strongly recommended that installation is conducted with due regard to Health and Safety using a safe system of work, including risk assessments and method statements, in accordance with relevant local statutes and regulations. Equipment used for installation must be suitable for the intended use, maintained in a safe condition, inspected for signs of deterioration, and used by competent personnel. Any conflict between these guidelines and the specific project specifications must be resolved by the user before work commences. All rights reserved.



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