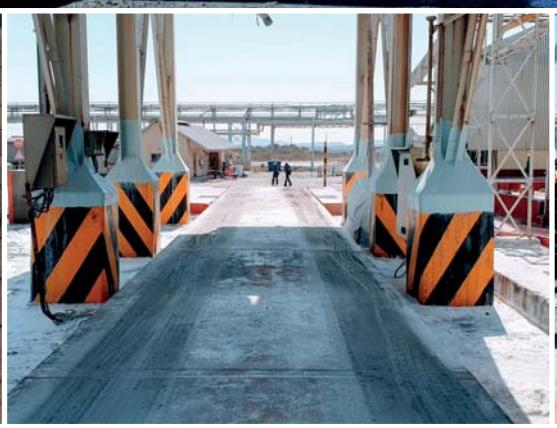

DENSO COVERCOAT™ SYSTEM

PROTECTIVE ENCASEMENT SYSTEM FOR COLUMN BASES

SUITABLE FOR:
Steel Columns
Concrete Columns
Support Legs
Structural Steel
Chamber Wall Interfaces
Exposed Service Pipes and more

Denso®

APPLICATION INSTRUCTIONS

STEP 1

Apply a thin layer of Denso Hi-Tack Primer over all surfaces to be covered.

STEP 2

Apply Denso Profiling Mastic to all sides of the column base to form a generous fillet from the vertical column steel to the concrete apron of the plinth at an angle sufficient enough to move water and other liquid contaminants away from the column base up stand.

The Denso Profiling Mastic is also used to cover the bolt heads and nuts to form a regular profile onto which the Denso Hi-Tack Tape and D14 Scrim can be applied.

STEP 3

Apply one layer of the Denso Hi-Tack Tape to the body of the fitting, ensuring that there is no air entrapped beneath the tape. The Denso Hi-Tack should be wide enough to cover the entire fitting and overlap onto the barrel of the pipe by no less than 2". If you are required to join the Denso Hi-Tack Tape, ensure that there is an overlap no less than 2" between the strips. The Denso Hi-Tack Tape should be applied in such a manner that it produces a weatherboard type overlap at its ends. Use a 4" wide Denso Hi-Tack Tape to "lock" the barrel coating in.

STEP 4

Apply one layer of the Denso D14 Scrim to the body of the column base, ensuring that there is no air entrapped beneath the scrim. The Denso D14 Scrim should be wide enough to cover the entire base on the broad side and overlap onto the next side of the column base by no less than 2". Scissors can be used to trim the individual pieces to the ideal shape and size. Always trim vertically. If you are required to join the Denso D14 Scrim, ensure that there is an overlap no less than 2" between the strips. The Denso Hi-Tack Tape should be applied in such a manner that it produces a weatherboard type overlap at its ends. Use a 4" wide Denso D14 Scrim to "lock" the column base system in. The Denso D14 Scrim sections are "dipped" into the mixed solution of Denso Basecoat, fully saturated in their trimmed states and applied as appropriately trimmed onto the correct segments and pushed flat to relieve any trapped air pockets.

STEP 5

Component A (Gray Powder) is slowly added to Component B (White Liquid) whilst being thoroughly mixed using a Wooden Mixing Stick or Spatula. Keep mixing the solution until all the powder has been added and the mixture takes on a smooth slurry texture. The basecoat should be re-mixed every 10-15 minutes to ensure that there is no settling out or separation between the two components. In high ambient temperatures repeat mixing every 5 to 7 minutes.

The applied Denso D14 Scrim (saturated) is further sealed by applying a liberal coat of Denso Basecoat by brush; allow a short drying time for the Denso Basecoat to take on a copper appearance. The Denso D14 Scrim is further protected and reinforced by additional liberal amounts of Denso Basecoat. Allow the Denso Basecoat to cure for a further 12 hours before applying Archco™ 15 Acrylic Topcoat.

STEP 6

Archco™ 15 Acrylic Topcoat shall be applied in two coats consisting of 10 to 12 mils (254 to 305 microns) wet-film thickness per coat.

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