



PREMIER COATINGS LTD™ **PROTECTION OF TIE BARS AND CABLES**

PROTECTION FOR BURIED OR EXPOSED TIE BARS,
CABLES, MACALLOY BARS AND TENDONS

A RANGE OF CUSTOMISABLE SYSTEMS OFFERING EFFECTIVE CORROSION PREVENTION AND PROTECTION FROM MECHANICAL DAMAGE FOR BURIED OR EXPOSED TIE BARS, CABLES, MACALLOY BARS, TENDONS AND MORE.

FEATURES:

- Minimal surface preparation required
- Can be applied by hand or machine wrapping
- Allows for movement of the rods e.g. flexural or post tensioning
- Highly conformable

Several corrosion prevention systems are available depending on the condition of the tie bar surface and/or the level of mechanical protection required.

SYSTEM FOR NEW TIE BARS

This is a two-part system consisting of primer and tape.

PremcoteTM Primer

A fast-drying bitumen based primer for all surfaces, prior to the application of Premcote-R Tapes.

Premcote 150RTM Tape / Premcote 150RTM Tropical Tape

A synthetic fabric reinforcement coated with rubber bitumen adhesive compound and backed with a conformable PVC film. Premcote 150RTM Tropical Tape is available for use in tropical climates.

SYSTEM FOR CONTAMINATED OR RUSTY TIE BARS

This is a three-part system consisting of primer, tape and a choice of outerwrap. An optional additional mastic is also available.

PrempasteTM (primer)

A soft petrolatum-based paste for the preparation of metal surfaces prior to the application of Premier petrolatum tapes.

PremtapeTM Temperate (tape)

A cold-applied, petrolatum-based tape used as an effective corrosion prevention solution on tie bars and post tension cables.

For tropical climates, PremtapeTM Temperate should be replaced with PremtapeTM Tropical.

PremierTM Moulding Compound (optional mastic)

A cold-applied self-supporting mastic recommended for use on turnbuckles. This is an optional addition.

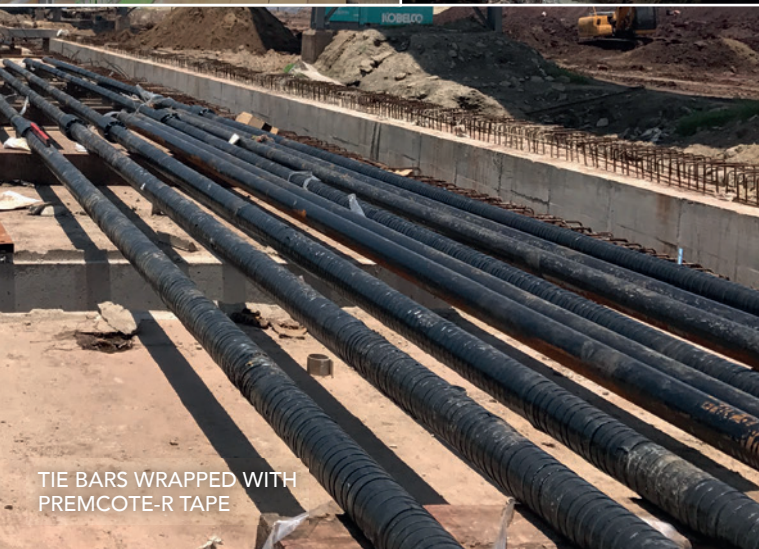


TIE BARS WRAPPED WITH PREMCOTE-R TAPE



MACALLOY BARS PROTECTED WITH THE THREE-PART SYSTEM

WRAPPED TIE BARS IN SITU



TIE BARS WRAPPED WITH PREMCOTE-R TAPE

OUTERWRAP FOR HEAVY-DUTY PROTECTION

Premcote 150R™ Tape / Premcote 150R™ Tropical Tape

A synthetic fabric reinforcement coated with rubber bitumen adhesive compound and backed with a conformable PVC film. Premcote 150R Tropical Tape is available for use in tropical climates.

OUTERWRAP FOR LIGHT-DUTY PROTECTION

Premier™ PVC Self-Adhesive Tape

Premier PVC Self-Adhesive Tape is a PVC sheeting coated on one side with a rubber resin, pressure sensitive adhesive. Tough and conformable, it may only be used as an outerwrap in areas where the risk of mechanical damage is slight, i.e. in ducts or above ground.

TIE BAR SYSTEMS APPLICATION

1. Cleaning and Priming

Clean the surface thoroughly by hand tool, removing all loose scale, rust, dirt etc. Ensure that the tie bar is as dry as possible.

Prime the cleaned area with Prempaste by gloved hand or brush.

2. Applying Premtape Temperate

Next, spirally wrap the Premtape Temperate with tension making sure a 55% overlap is achieved which ensures a double wrap at all areas. Smooth the tape surface to ensure overlaps are completely sealed.

3. Applying Premcote 150R Tape

Apply spirally over the Premtape Temperate. The overlap should be 55% to give a double thickness. Ensure the tape is in good contact with the surface and that no air pockets or voids are formed. Ensure that all the tape edges are firmly sealed down. Gentle warming with a hot air blower may be used to assist the application below 15°C.

4. Applying Premier PVC Self-Adhesive Tape

Finally, spirally wrap the Premier PVC Self-Adhesive Tape with a 55% overlap. Ensure that there are no air pockets or voids and that all the tape edges are sealed down.



MACALLOY BARS PROTECTED WITH THE THREE-PART SYSTEM



PREMTAPE TEMPERATE



PREMCOTE-R TAPE



PREMCOTE-R TAPE & PREMIER PVC SELF-ADHESIVE TAPE



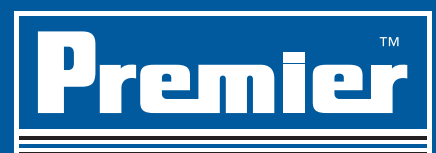
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