



### Savcor Petrolatum System Corrosion Protection System



1. *Petrolatum System.*
2. *Surface preparation.*
3. *300 Primer applied.*
4. *600 Tape applied.*
5. *931 Outerwrap applied.*

**Savcor Petrolatum System** comprises of four components. The system maybe applied to either a blasted or wire brushed surface due to the unique composition of the three inner layers. On buried underground pipe work, the system has a typical; design life of thirty years.

The use of petrolatum based compounds and inert fillers means the system is chemically inert and does not oxidize, therefore it is water resistant. Service temperature -5 °C to +55 °C. Savcor high temperature grades also available. Petrolatum system is ideal for remedial applications that prohibit total drying of the substrate.

**Application:**

**Surface Preparation:** Minimum surface preparation required is ST2. This may be achieved by wire brush or mechanical wire brushing etc.

Substrate must be free from any loose corrosion and coatings, and be free from any dirt or dust etc. The substrate maybe damp, but must be free from droplets of water.

**Priming:** All surfaces should be evenly coated with Savcor 300 Primer prior to the application of tape. Primer maybe applied via gloved hand or brush. Best application results are obtained by applying the primer in a circular motion thus ensuring voids and pit holes are filled.

**Profiling:** After priming, Savcor 400 Mastic is an ideal profiling agent to eliminate voids and sharp edges on flanges etc. prior to wrapping.

**Savcor 600 Tape:** While applying the petrolatum tape, smooth the surface of the tape by hand at each overlap. Tape is to be applied in a spiral motion incorporating a 55% overlap. Tape should not be overstretched, but applied in a fashion that provides intimate contact with the substrate.

Once wrapping is complete, an inspection is to be carried out to ensure there is no air voids under the tape and the correct overlap required is achieved.

**Savcor 931 Outerwrap:** PVC outerwrap is to be applied in a spiral motion with a 55% overlap. The tape should be overstretched, but applied in a fashion that allows intimate contact to the inner membrane. The outerwrap provides mechanical protection, increased resistance to stray electrical currents, and abrasion resistances.

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