

Conductive Grease & Watertightness Mastic For Harsh Environment Antennas

NMT 351-02(e)

This addendum describes the specific antenna assembly process, for an installation in harsh environment climatic conditions.

1. PENETROX A grease use and manipulation advice

PENETROX A product is zinc particles suspended in a natural based compound, recommended for use on aluminium to aluminium contact.

Assures high conductivity joint by sealing out air and moisture, to prevent corrosion and reformation of oxide film.

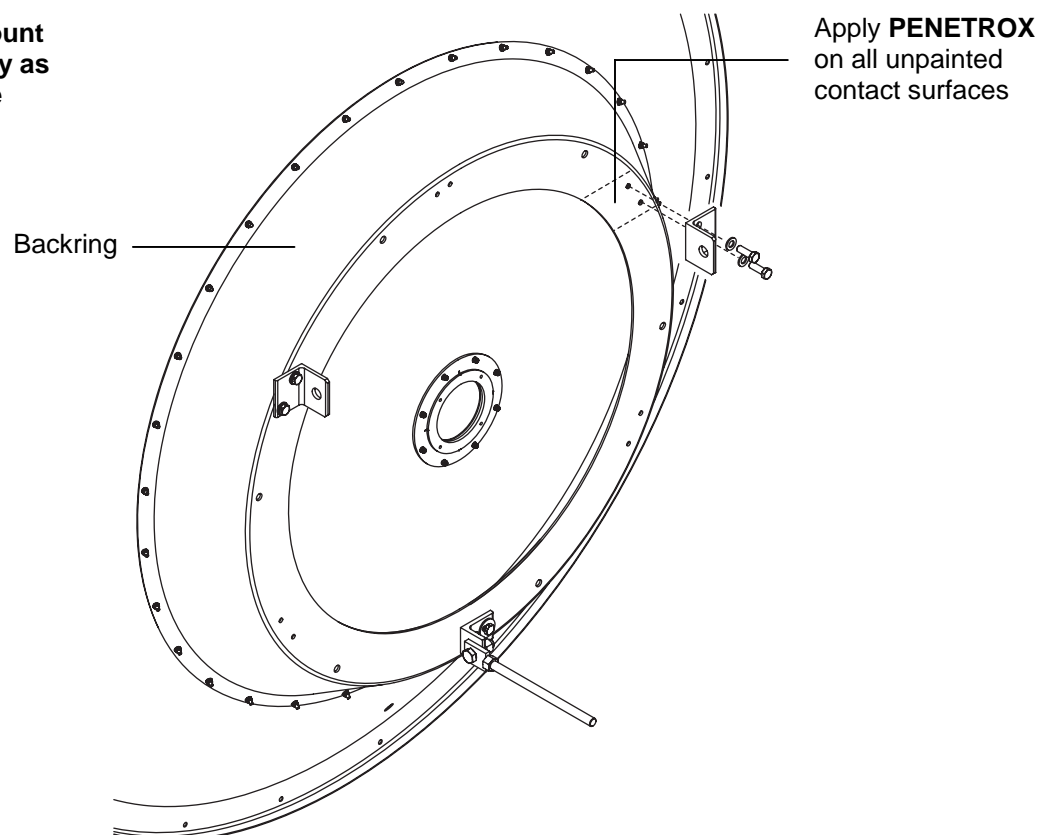


Please use chemical resistant gloves to avoid skin contact

2. PENETROX application on mount

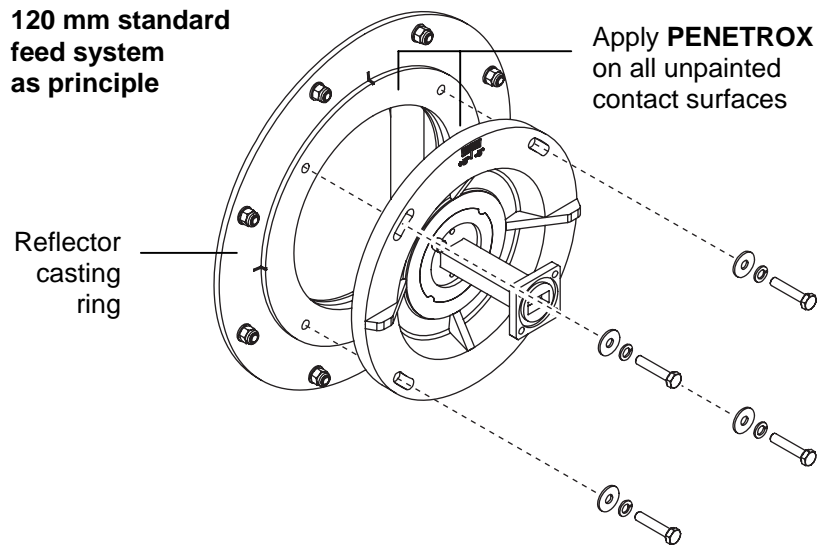
During installation **of the mount and the backing**, apply **PENETROX** to cover all **unpainted aluminium surfaces**.

6 ft T-Mount assembly as principle



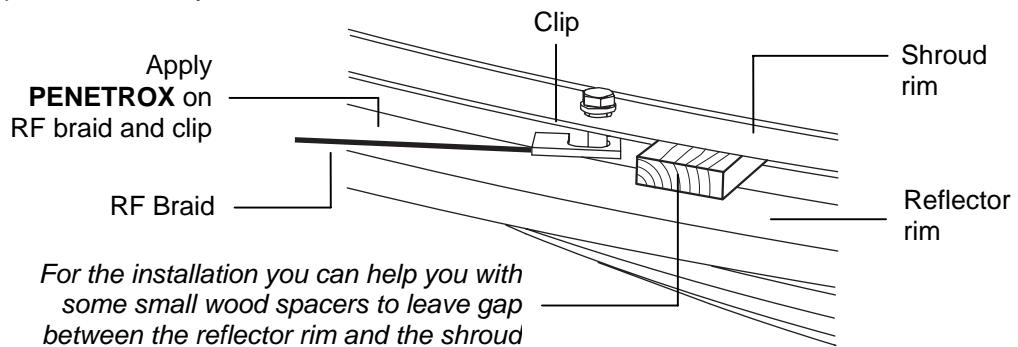
3. PENETROX application on feed system

During installation of the feed system, apply **PENETROX** on the central ring of the reflector and on the mounting plate of the feed.



4. PENETROX application on the RF braid for antennas with shroud

During installation of the RF braid between reflector & shroud, apply **PENETROX** on RF braid & on clip at the extremity.



5. Watertightness mastic for antennas equipped with GFK or GFR radomes

For the antennas equipped with GFR or GFK hemispherical radome, during installation of the radome on the reflector, apply **watertightness mastic** in all the assembly holes, and the fixation holes of the hoisting eyes.

