

PIM SEAL™ CAULK: APPLICATION ON GALVANIZED STEEL

PIM Seal™ Caulk is a liquid RF barrier solution for reducing RF energy at covered PIM sources. Using proprietary fillers and additives in an acrylic matrix to form a conductive barrier, greater than 10 dB one-way signal reduction to the PIM source is achieved.

PIM Seal™ Caulk is often used to mitigate PIM at mechanical interfaces on galvanized steel antenna mounting frames. To achieve long term adhesion, the zinc oxide that naturally develops on galvanized steel surfaces must be removed. If not removed, the caulk may pull away from the galvanized surface, potentially reducing the level of PIM mitigation achieved.



Zinc oxide can be easily removed using a mild acid such as cleaning vinegar. Lightly scrub the surfaces to be sealed using a nylon toothbrush dipped in cleaning vinegar. Rinse the surface with water and allow to dry before applying PIM Seal™ Caulk.

