

ENVIRONMENTAL STATEMENT

ZINC

Our moisture cured zinc primers last at up to 10 times longer than conventional coatings. Independent testing has shown that as an overcoating system our 225 µm DFT coating survives “+25 years to first maintenance in a C5 VH environment with a St 3 surface preparation”, whereas in the Corrosion Association AS/NZ 2312 Standard it estimates that comparable coating systems in C5 environments are only expected to last 2-5 years. Our MCU Coatings® environmental footprint is therefore as much as 90% lower than traditional ‘zinc-rich’ protective coatings.

VOC'S

Our moisture cured urethane coatings have a low VOC footprint and are compliant with European and Australian industry regulations. Whilst our moisture cured urethanes have between 63%-72% solids they are usually applied 25%-35% thinner than conventional 2-pack coatings. They also protect and last up to 10 times longer, which means that their environmental footprint is as much as 90% lower than traditional 2-component, high-build coatings.

Even with sand-blast surface preparation, if you compare the products used on the Auckland and Sydney Harbour Bridges over the last 20 years they run on a recoat interval of 10 years. Conversely, the first iteration of our inventor's moisture cured urethane coating applied on the Astoria Megler Bridge in Oregon U.S. back in 1987, is still showing less than 0.1% corrosion and our coating applied after a mechanical surface preparation has been rated ‘+25 years to first maintenance’, which means that MCU Coatings® are far less harmful to the environment than traditional coating systems.

