

## Single component Moisture Curing Polyureas Best long term corrosion resistance and protection

99% of all causes of short or long term **premature failure** are due to **mistakes during application**. With MCU you have **99% more quality assurance**.

Frequently occurring causes of premature failure with 2 component commercial systems	Why not with MCU-Coatings?
Wrong mixtures	1 component, mixing
Wrong component or thinner	1 thinner – all products
Pot life limitation = wasted material	No pot limitation = no waste
Induction time = time loss	No induction time = no time loss
Too high relative humidity during application or cure = no cure & failure	Apply in 6% to 99% relative humidity = less premature failure
Rain or fog during cure = premature failure	Resists rain, fog or immersion 15 – 30 minutes after application = less premature failure
Temperature lower than 5 °C during application or cure = premature failure	Apply as low as -12 °C
Cracking of inorganic zinc primers when DFT is over 90 µm = failure & recoat	MCU-Zinc and MCU-Miozinc DFT – no mud cracks up to 300 µm
Application in dew point = premature failure	No dew point restrictions
Flash rust on surface = failure	Surface tolerant, even zincs can be applied on flush rust
Too high contamination (>50 mg/m <sup>2</sup> )	Contamination above 100 mg/m <sup>2</sup> .
Substrate is too wet	Tolerant to damp surfaces
Insufficient roughening (profile) of old coating	Good adhesion minimal roughening (do a test). Profile of 35 µm acceptable. St 2 and St 3 friendly
Not respecting minimum and maximum overcoat time	Short time and <b>NO</b> maximum recoat window