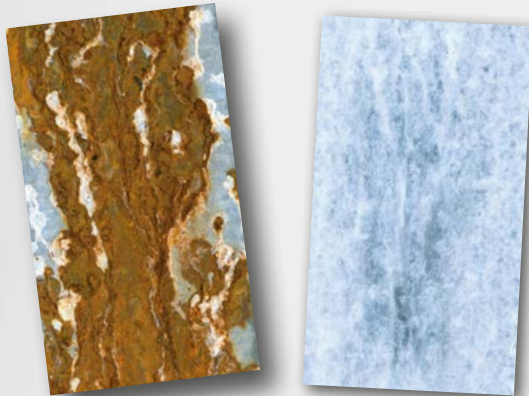


Corrosion resistance, accelerated corrosion tests

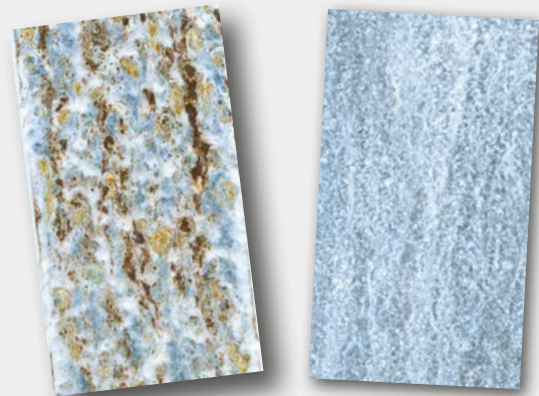
Magnelis® versus pre-galvanised
(salt spray test)



Hot dip galvanised 20 µm
after 6 weeks

Magnelis® 20 µm
after 34 weeks

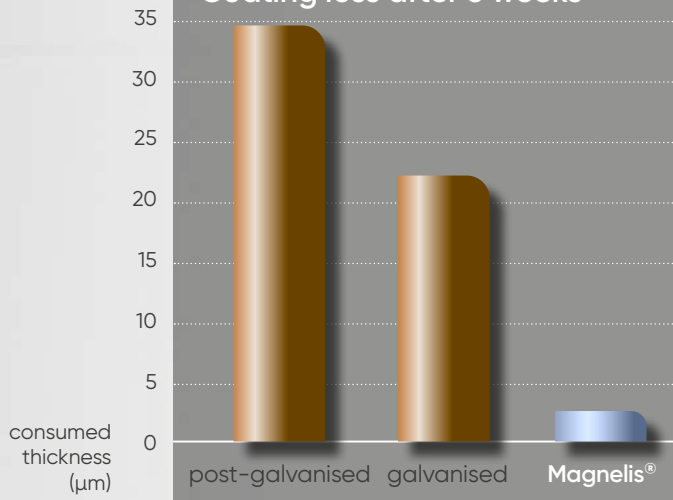
Magnelis® versus post-galvanised
(salt spray test)



Post-galvanised 85 µm
after 12 weeks

Magnelis® 20 µm
after 12 weeks

Coating loss after 6 weeks



Salt spray and cyclic corrosion test results highlighted the superior performance of Magnelis® compared to other metallic coatings. No red rust was observed on steel with a 20 µm coating of Magnelis® after 34 weeks of salt spray testing. Magnelis® offers a real advantage over post-galvanised steel.

These are results from a 3CT (VDA 621-415) cyclic corrosion test. Source: ArcelorMittal Global R&D