



Anti-Graffiti Coating

Characteristic	Excellent anti-graffiti coating that allows aerosol paint and marker pen to be peeled or washed off with water based detergent.
Application	Railway carriages, infrastructure, pedestrian shelters, bridges, litter bins, signage etc. The coating can be applied to a variety of substrates – steel, stainless steel, galvanized, tin plated, brick, plastics, powder coated metal etc.
Properties	
Release properties	excellent with aerosol paints and marker pens
Impact resistance	1kg weight falling 800mm – no peeling or cracking on impact. ISO 6272-2 / JIS K5600-5-3
Hardness	2H pencil hardness
Water repellency	contact angle 110°. ISO 15989 / JIS K2236
Chemical resistance	not a chemical resistant coating
Solvent resistance	not a solvent resistant coating
Bend test – flexibility	10mm bend without damage. JIS K5600-5-1
Corrosion resistance	n.a.
Fire test	passed tests to ISO 5660-1. Compliant to JIS K5600-6-3 which is equivalent to ISO 3248 1975. Passed s/n EN 45545-2 to classifications R1, R2, R3, and R17. All pass HL1, HL2 & HL3.
Temperature resistance	120°C for 24 hours – no damage or discolouration. ISO 3248 / JIS K5600-6-3
Resistance to diffusion	low permeability
Performance	The coating needs 12 days to cure before being exposed to graffiti (at ambient temperature) though full performance is achieved after 15 days. A thermal force cure is possible to reduce the cure time to 5 to 7 days.
Coating thickness	nominal 5 to 10 µm
Colour	transparent. UV stable so no yellowing with age
Food approval	not approved

The data provided in this Information sheets is the result of laboratory tests carried out in accordance with ISO standards. However, this data should not be directly translated into applications without consulting Impreglon.

Distribution list: all licence partners

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