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.

**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.

**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.

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