



DATA SHEET
COATING CYCLE
PLASTISOL





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This technical data sheet refers to galvanized aluminium, steel product (min zinc coating: 225 g/m²)

TREATMENT

2 stage degreasing + chrome-free chemical conversion

TOP SIDE

PRIMER: 10 micron plastisol specific

TOP COAT: 200 micron thick soft/liquid PVC

BACK SIDE

FOAMABLE BACK COAT: 5-7 micron

This niche product involves a special cycle consisting of a specific primer and a top coat with a very high dry content, obtained by PVC dispersions in a plasticizer. It has extremely high chemical resistance and it is used in very aggressive environments or for applications requiring special resistance to abrasion: the product is not highly resistant to UV rays and tends to form chalking: this is the reason why it is mainly used in northern European countries. Plastisol is available in a limited range of colour hues, which are non-glossy and non-transparent.

TECHNICAL SPECIFICATIONS

TEST	VALUE	REFERENCE STANDARD
thickness	190-210	EN 13523-1 (ECCA T1)
gloss	30±10	EN 13523-2 (ECCA T2)
pencil hardness	B	EN 13523-4 (ECCA T4)
resistance to rapid deformation (impact test)	100%	EN 13523-5 (ECCA T5)
adhesion after indentation (cupping test)	100%	EN 13523-6 (ECCA T6)
adhesion after bending at 25°C	0T	EN 13523-7 (ECCA T7)
resistance to cracking on bending (t-bend test) at 25°C	0T	EN 13523-7 (ECCA T7)
solvent resistance (MEK rubbing test)	no change	EN 13523-11 (ECCA T11)
resistance to scratching	no change	EN 13523-12 (ECCA T12)
resistance to staining	excellent	EN 13523-18 (ECCA T18)
resistance to pressure marking	no change	EN 13523-24 (ECCA T24)

RESISTANCE TO SALT FOG

corrosion - penetration after cross cutting	500 h exp.	12 mm max
corrosion - penetration after cross cutting	1000 h exp.	3 mm max

UVA RESISTANCE

200 h exposure	no appreciable change in colour
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