

Technical Data Sheet

00A0615 Primer

Version 2021-1

00A0615 primer products are proprietary epoxy-based primers/back coats developed to optimize adhesion in Aluminium Composite Material (ACM) products. The 00A0615 primer system is a Poly Urethane based primer on an aluminium pre-treated substrate. It is mostly used as a primer for multi-layer paint-systems. It protects the aluminium for corrosion influences and provides an excellent and environmental friendly basis / underground for further processing.

Substrate & pre-treatment	
Pre-treatment	Chrome free conversion
Width	≤ 1620mm
Thickness aluminium	0,3-2,0mm
Substrate (alloy, temper)	3000 , 4000, 5000 series (H4x) EN 573-3
Front side finish	
Resin chemistry	PU
Thickness	4-6µm EN 13523-1
Colour	Grey – visual okay / functional coating; tolerances not applicable EN 13523-3; EN 13523-22
Specular gloss	Approx. 40 gloss units (acc. to EN 1396 Table 3) EN 13523-2
Pencil hardness	≥ 2H EN 13523-4
Adhesion	≤ GT1 NEN-EN-ISO 2409
Adhesion + rapid deformation indentation	≤ GT1 EN 13523-6
Resistance to cracking on bending (T-Bend test on non-embossed material)	Initial bending through 180° on flat material up to temper H44 Minimum T ≥ 1,0 (bending 3 times): no cracks *Actual T-bend and correlating bending radii depending on substrate EN 13523-7
Resistance to MEK solvent (rubbing test)	≤ 10 double rubs EN 13523-11