

Paint recommendation: Metals



Metals

Wash primer for 3-stage buildups with highest corrosion protection

Cast iron Iron Steel	▶ 1K Primer / 2K Primer High Build / 2K EP Primer High Build
Aluminium Brass Copper Die cast aluminium Non-ferrous metals (heavy) Non-ferrous metals (light) Zinc	▶ 1K Primer / 2K Primer High Build with 2K Special Hardener
Drawn profile aluminium	▶ E.g. pre-treatment with phosphoric acid; 2K Primer High Build with 2K Special Hardener
Stainless steel • V2A steel • Nirosta steel	▶ 2K Primer High Build with 2K Special Hardener ▶ 2K EP Primer High Build / 2K Primer High Build with 2K Special Hardener (after test!)
Galvanised steel • galvanic • hot-dip galvanic • sendzimir galvanised	▶ 1K Primer / 2K Primer High Build with 2K Special Hardener ▶ 1K Primer / 2K Primer High Build with 2K Special Hardener ▶ 1K Primer (interior) / 2K Primer High Build with 2K Special Hardener
Black sheet	▶ 2K Primer High Build with 2K Special Hardener
Cast zinc	▶ 1K Primer / 2K Primer High Build + 2K Special Hardener / 2K EP Primer High Build

Primers / surfacers can be coated with any topcoat

1K topcoats: KH, NKL

2K topcoats: PUR, PUR TEX Fine (structure), PUR MATT, ACRYL 100, UNICRYL, EP (interiors)

Application with different gloss levels and structure effects possible

Direct coating of substrates after consulting and test coating

2K clearcoat for all 2K topcoats

Direct coating of substrates after consulting and test coating

Pre-treatment: Metals



Pre-treatment of substrates

Degreasing	Removal of oil, grease, preservation agents Suitable cleaning / degreasing agents: E.g. Multicleaner, organic solvents, alcohols, silicone remover, aqueous cleaners
Cleaning	Removal of corrosion products, oxide layers, rolling and casting skin, forge scale, drawing / mould release agents Mechanical processes: Sanding, blasting Chemical processes: Etching with acidic or alkaline chemicals (e.g. Ammonia-based wetting agent)
Removal of galvanising residues	Mechanical processes: Sanding, blasting
Removal of previous coating	Chemical processes: Etching with acidic or alkaline chemicals (e.g. Ammonia-based wetting agent)
Sanding with sanding pad	

multimix

Stadox GmbH · Christbusch 45 · 42285 Wuppertal · Germany