

Quick Prime 1K-PU universal (solvent borne) – Primer

1. Characteristic:

Quick Prime 1K-PU universal is an one component, solvent borne polyurethane primer . After application the PU-primer hardens in thin layers by evaporation of the solvent agent and crosslinks by absorbing the humidity from the air and from the substrate, in case of concrete. Thereby an extremely wear-resistant film with a high impact resistance will be created. These primer-films are brownish-transparent and this colour becomes visible under the effect of UV-radiation. Furthermore **Quick Prime 1K-PU universal** can be used for the production of levelling mortar and scraping compound and also for the pre-treatment of surfaces (generation of a bonding bridge) for repeating coating systems. **Quick Prime 1K-PU universal** acts for metallic surfaces like steel as temporarily corrosion protection layer and as solidification for concrete substrates.

2. Features:

- Ideal basic primer for POLYUREA coating systems
- Excellent bonding both on dry to damp mineral undergrounds and also on metallic substrates
- Barrier properties against moisture, but not for water vapour
- Water blocking abilities and prevents capillary activated creation of pores
- Resistant to dilute bases, acids, water-based salt solutions and lubricants
- Good penetration of substrates like carbon steel and concrete
- Low viscosity and therefore a good brushability and practical spreading rate
- Superior Weatherbility
- High impact resistance

3. Typical Uses

- Adhesive primer for 1- or 2-component coating systems basd on Polyurethane or Polyurea
- Generation of a good bonding bridge to GRP-composite materials (based on EP- VE-resins)
- Binding agent for mortars and for repair grout made of wood (e.g. refurbishment)
- Moisture barrier for multi-layered wood boards and similar surfaces
- Primer for still damp concrete
- For the following coating or flooring with standard materials like PVC, Linoleum, parquet floor and flags
- Temporary corrosion protection for metal substrates like e.g. abrasive blasted steel