

coating process

1. surface preparation: cleaning, grinding and application of filler/primer
2. honing (grain: 800 -1200)
3. base coat application (20-30µm), drying
4. rinsing and spraying activator for preparation
5. application of silver salt und reductive solution
6. chemical reaction results in reduction of silver on the surface (approx. 1µm)
7. rinsing and drying
8. application of protective layer, if necessary including colouration (20-50µm)
9. sealing with UV-absorbing clear coat
10. drying and finish

areas of application

- (rapid) prototyping, model making
- industrial R&D depts
- trade fair/booth construction
- exhibition samples
- design objects and artwork
- interior design/chattels
- non-applicable für den exterior use or large-scale production

surface properties

- applicable on any substrate: wood, metal, glassware, plastics, prototyping- / composite materials, etc.
- total parts or just partitions of workpieces
- stageless gloss-level and colouring
- display of diverse, subtle surface structure
- UV-resistance by special sealing
- perfect procedure for single pieces and small-batch series, for interior use

