

Semi-Gloss or Polished

wide range of application areas

On request, non-toxic, with PTFE additives, or in various color nuances

**Technical Data:**

Product Features:	one-component, transparent coating on polyurethane basis
Density:	1.02 g / cm <sup>3</sup>
Viscosity:	600 mPas. (at 20 ° C)
Solids Content:	72%
Consumption:	1 x 80 g to 250 g / m <sup>2</sup>
Skin Formation Time / Pot life:	1 hour at 20 ° C
Drying time:	> 2 hours carefully loaded after 3 days normal load after 7 days fully loaded ( Low temperatures and low humidity, high temperatures and high humidity will accelerate the cure
Resistance to heat:	90 ° C
Resistance to cold:	-40 ° C
Abrasion:	approx. 17 mg (Taber CS17, 10 N load 1000 rotations)
Elongation:	120%
Tensile Strength:	30 N / mm <sup>2</sup>

**Scope of Application:**

Suitable for glass, wood, various plastics, painted surfaces, steel,  
Aluminum, natural stone, ceramic, fiberglass, please contact us for any other applications

**Instructions:**

Prior to processing, ensure surface is thoroughly clean and all dirt particles are removed from the surface

Application Temperature: +5 ° C - 30 ° C, rel. Humidity <85%

Stir gently the material before processing (we recommend the usage of a mixer)

Option: either spray gun or a short nap wool roller (e.g. mohair roller brush)

roller brush: apply slowly and without pressure to avoid blistering on the surface  
if required, approx. 20% thinner can be used

spray gun: 1.3 - 1.5 mm nozzle - 3.5 - 4.0 Bar- about 35% thinner

Please note the ... continued on page 2!

To achieve an ideal abrasion resistance two layers are recommended. After the first coat the second layer follows after approx. 3-5 hours, depending on temperature and film thickness.

**Caution:**

During the application and drying period, the material reaches as an adhesive, i.e. all external influences will adhere to the surface. Abnormal adhesions can be removed with a razor blade and repaired with Ultra Protector.

**Properties:**

- fusion capability
- UV-and weather-resistant)
- resistant to dilute acids and alkalis (further details on request) respectively to aromatic solvents, alcohols, and esters
- high elasticity and ductile strength

- crack bridging
- high abrasion resistance

**Consumption:** depending on requirements 0,125 - 0.5 kg / m<sup>2</sup>

**Cleaning:**  
immediately after use or during any longer pause use our universal cleaner.

**Storage:**  
Up to 6 months in original sealed packaging, storage in a dry environment at temperatures between +5 ° C and +25 ° C.  
Avoid direct sunlight and frost.  
Acclimate for 24 hours before use of material at temperatures between +18 ° C and +20 ° C.  
Close opened containers tightly after use and use the content as soon as possible.

**Pack Sizes:** 750 ml / cans - 5 kg buckets

**Note:**  
Proper prepared coating is in hardened condition physiologically inconceivable. Please refer to the safety data sheet for safety instructions, hazard material classes, safety precautions and disposal.!

For long-term maintenance of the coating regular cleaning is required. This can normally be done by simple whipping with a moist cloth and a neutral cleaner. Depending on the dirt contamination it may be necessary to use waxy protective dispersions. Unsuitable are solvent-based and chlorine-based cleaning impurities.

Please note that some media, such as rust, hibiscus petals, red wine, etc. can cause permanent discoloration due to colored substances, however, will not impair the protective function of the coating.

This information linked with the technical data in writing, orally or in form of testing practices are subject to our best knowledge nevertheless without any warrant nor in terms of the property rights of any third party. The data sheet does not release you from the obligation to verify our expertise and our product with regards to the requisitions for the intended purposes.