

AVALON® Ultime

2-component Corrosion Protective Coating for Metals

Features and technical data

Features:

- Corrosion protective
- Excellent weathering resistance
- Yellowing resistance (UV-protection)
- Non-stick and easy-to-clean properties
- Good abrasion resistance
- Excellent adhesion on various metals
- Adhesion also on painted surfaces
- 2-component solution, RT curing

Fields of application:

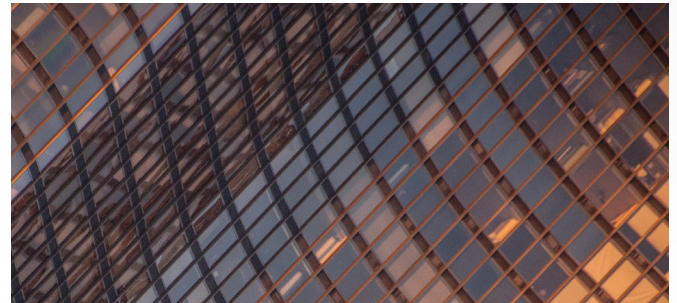
- Steel, copper, aluminium etc. metals
- Architectural metal panels
- Weather exposure surfaces
- Containers, pipes, and linings

Technical data

- **Appearance:** clear colourless liquid
- **Viscosity:** DIN cup 4: 16–18 s
- **Film thickness:** typically 20–40 µm
- **Gloss:** high
- **Pot life:** 4 h

Composition and function

Avalon® Ultime is a 2-component coating solution. Product generates a slightly elastic and clear film coating on the substrate. Coating may change the outlook of the surface depending on the surface material. On matt surfaces coating increases the gloss. Coating protects painted surfaces by absorbing UV-radiation and thus resists yellowing of the surface material. Because of its elasticity, the coating resists even high changes of temperature and retains its protective features even in highly demanding environments. Coating is water and dirt repellent so surface becomes easier to clean and surface can be cleaned more quickly and with lower cleaning expenses and effort. Coating attaches e.g. on PE-, PU- and epoxy paints. It is however recommendable to test adhesion before coating.



Instructions for use

See MSDS before starting. During work please wear goggles, gloves and suitable breathing mask for safety.

Cleaning

The substrate has to be oil/grease- and dust-free. Cleaning can be done with a cleaning agent suitable for the surface material.

Mixing

Mix resin component and curing agent according to the instructions.

Coating

Best properties are achieved by spray coating. Solution is ready to spray but can be diluted with xylene to a suitable viscosity for the applying method, as well as for thin films or porous substrates.

Curing

At room temperature:

- Touch dry 15 min.
- Dry for handling 1 h
- Final properties achieved 7 days

Heating fastens curing.

Storage

Solution should be stored at room temperature in well ventilated place. Keep containers tightly closed. Storing time is 12 months from the date of manufacture.