

## **Technical Bulletin № 50 -2015.05**

**New product- Transparent polyurethane protection  
for VARIO lamella**



**VARIO Protect is two component polyurethane clear  
liquid for treatment of cut surface of the profile  
E97924 TR for corrosion  
protection**

## Fields of application, properties & advantages

- Outdoor use, due to its resistance to UV radiation.
- High strength and abrasion resistance.
- Resistance to water, sea water, alkalis, UV radiation, industrial atmosphere and adverse weather conditions.
- Very good gloss retention.
- Two weeks after the painting acts as an anti-graffiti varnish.
- Very strong adhesion on polyester, galvanized steel and aluminium.
- It is suitable for the protection and decoration of natural building materials such as stones, marble, pavement tiles, porous stones or concrete, etc.

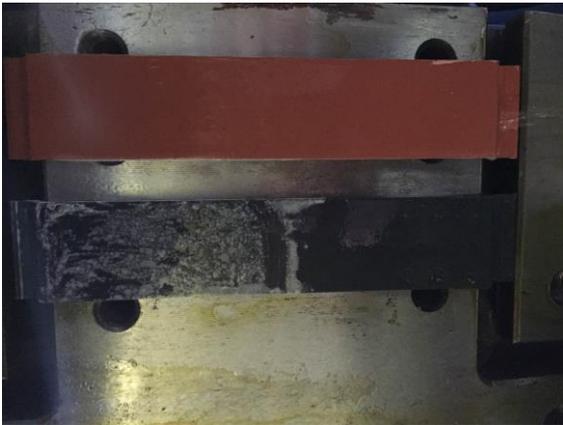
## Technical Characteristics

- Color: transparent
- Density: 0,98 g/cm<sup>3</sup>
- Mixing ratios (weight prop.): 1,8:0,7
- Spreading rate: 7-9 m<sup>2</sup>/kg (7500 lamellas both side)
- Drying time: 10 - 20 mins
- Dry to recoat: after 24 hours
- Workability: 12-18 hours
- Pot life: 30mins - 1 hours at 25°C
- Taber abrasion (CS 10/1000/1000): 45mg

## Tests

The combination between Vario Lamella and Vario Protect passed successful the following tests:

- 1000 hours Salt Spray Test – DIN50021
- UV Test
- Thermal Resisting Test

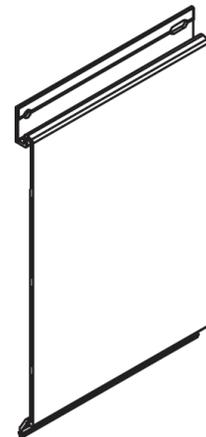


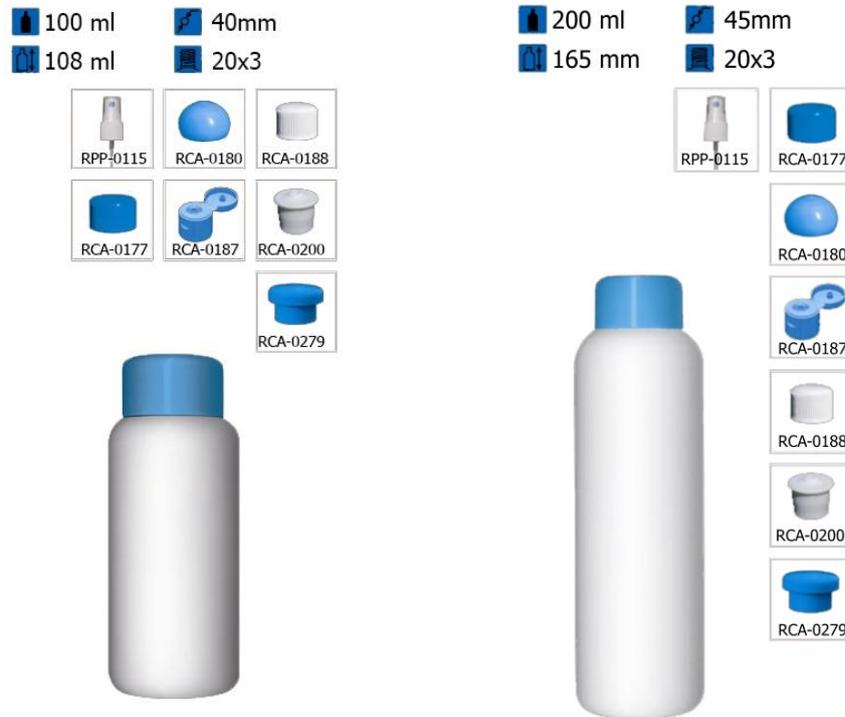
## Application:

The surface should be clean, free from dust, greasy, loose particles and old varnishes or primers with mechanical or chemical means. Surfaces where water repellent impregnations (siloxane or waxes) have been applied in the past might cause adhesion problems. After mixing the two components for 3 minutes, the mixture is advised to let it rest for 1-5 minutes before application and then the varnish is applied by roller or brush in at least two layers. When it is applied as a protective varnish for the surfaces hard to bond, they should be primed one day before with the hybrid primer.



E97924 TR  
lamella





Code	Description	Unit
ET730035.00	Vario Protect-100 ml-алум.защита	PC
ET730036.00	Vario Protect-200 ml-алум.защита	PC
ET730037.00	Vario Protect-500 ml-алум.защита	PC
ET730039.00	Vario Protect-1000 ml-алум.защита	PC

**Note:**

1. The images of the packages are indicative, the real ones may be slightly different.
2. For additional information consultation please contact ETEM technical department.