

ACRY-PUR 902-G

2K Glossy Acrylic Polyurethane Single Stage

PRODUCTS

| | | Version E900X | Version E910X |
|-----------------|-------------------------|---------------|---------------|
| Pigmented bases | DISOLAC | 30 | 30 |
| Binder | ACRY-PUR 902-G | 70 | 70 |
| Hardener | Standard | (E-9005) 2:1 | (E-9105) 4:1 |
| | Fast | (E-9006) 2:1 | (E-9106) 4:1 |
| | Slow | (E-9003) 2:1 | - |
| Reducer | SOLV UNIVERSAL 5 | 0-20% | 20-40% |
| | SOLV UNIVERSAL 3 | 0-20% | 20-40% |

DESCRIPTION AND PROPERTIES

- High brightness and durability.
- Great quality of the finish and good weather resistance.
- Ideal for finishes in commercial vehicles, agricultural machinery and construction projects where the final finish is an important requirement.
- It can be used as a clearcoat, without pigment bases, applying it on basecoat. In this case, the addition of *UV Additive* is recommended.

CHARACTERISTICS OF ACRY-PUR 902-G

| | | |
|---|-------------------------------|------------------|
| Appearance | Smooth | |
| Gloss | >92 at 60°, 90% at 20° | |
| Specific weight of the Binder | 8,3 lb/gal 68°F | |
| Solid content (binder) | 53-57 % (weight) | 51-55% (volume) |
| Solid content ready to use (without dilution) | 49-54 % (weight) | 50-55 % (volume) |
| VOC ready to use 20% dilution | < 4,2 lb/gal | |
| Dry film thickness | 1.6-2 mil (2 coats) | |
| Theoretical Coverage Per Gallon of binder 1 mil DFT | 1285-1765 sq ft | |
| Theoretical Coverage Per Gallon of mixing without dilution 1 mil DFT | 720-800 sq ft | |
| Corrosion category system 6041+902G (ISO 12944) | C5 Medium (9.5 mils+2.3 mils) | |
| Corrosion category system 9051+902G (ISO 12944) | C3 Low (3.9 mils+1.6 mils) | |


SUBSTRATE AND PREPARATION OF THE SURFACE

| | CLEANING | SANDING | FINAL CLEANING |
|------------------|----------|-----------------|----------------|
| Old paints | DA93 | P360/400 | DA93 |
| Plastic parts | -- | -- | -- |
| Steel | -- | -- | -- |
| Galvanized steel | -- | -- | -- |
| Aluminum | -- | -- | -- |
| PRIMERS | | | |
| Primanyl 5011 | DA93 | --- | --- |
| Primapox 6021 | DA93 | Optional (P320) | DA93 |
| Primapur 9051 | DA93 | Optional (P320) | DA93 |

For other kinds of substrates consult the Technical Service (SAT).

APPLICATION



| | SMALL SURFACE | | LARGE SURFACE | |
|-------|----------------------------|---------------------|----------------------|-------------------------|
| T(°F) | Hardener | Reducer | Hardener | Reducer |
| 64-77 | E9005/E9006 E9105/E9106 | SOLV UNIVERSAL 5 | E9005 E9105 | PU7 SOLV UNIVERSAL 5 |
| >77 | E9005 E9105 | SOLV UNIVERSAL 5 | E9005/E9003 E9105 | SOLV UNIVERSAL 3 |

| | | | |
|---|---|-----------|------------|
|  | Mixing ratio Disolac/Binder (in weight) | 30/70 | |
| | Mixing ratio Hardener (in volume) | Pigmented | Clear coat |
| | | E900X 2:1 | E900X 1:1 |
| | | E910X 4:1 | E910X 2:1 |
| | Electrostatic application (in volume) | | |

| | Application | % reducer (Vol.) | Viscosity - 68°F (Ford Cup 4) | Pressure (psi) | Product Pressure (psi) | Nozzle (mm) | Num. of Coats x µm dry | Flash off (min) |
|---|---------------------------|------------------------|----------------------------------|-------------------|------------------------------|----------------|------------------------------|-----------------------|
|  | Gravity feed spray gun | 10-15% | 20 sec -23 sec F/4 68°F | 29-44 | --- | 1.3-1.5 | 2x25 | 10 min 68°F |
|  | Pot life | 8 hrs | | | | | | |

If the application requires the use of an additive, it should be taken into account in the addition of solvent.

DRYING

| | | |
|--|---|--------------------|
|  TEMPERATURE |  HANDLING | THROUGH DRY |
| 68° F | 3hrs 15min- 3hrs 30min | 5hrs- 5hrs30min |
| 140° F | --- | 30min |

The product reaches its maximum performance after 15 days of drying in the air (ambient temperature 64-72°F) or in a shorter time at a higher temperature.

ADDITIONAL ADDITIVES FOR SPECIAL USES

| SITUATION | ADDITIVE | DESCRIPTION | EFFECT |
|--|------------------------------------|--|--|
| Craters | Additive Anticrater Disolac | Film protection from outdoor polluting agents | Anticrater; film protection |
| Weathering resistance /UV filters | Additive UV | Protection of the coating film against UV layers | Increases the durability of the coating film |
| Overspray sensitivity /Too fast drying of the film | Flow Additive | Improve the application, for example in the application of large surfaces or in dry conditions | Keeps the film open for a longer time |
| Fast drying | E9006 / E9106 | Decreases drying times if needed | Decreases drying times |
| Slow drying | E9003 | Increases drying times if needed | Increase drying times |
| Degreasing | DIS226 DA93 | DIS226 for plastics and surfaces electrostatically chargeable. DA93 for greasy surfaces. | |

For use and instructions of the additives consult the technical data sheet of each product.

SAFETY

- Follow instructions of product label.
- For more information, check the Safety Data Sheet.
- Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

- Store the product in a ventilated place far from direct exposure to sunlight.
- Keep between +40°F and +90°F.

SHELF LIFE

- One year in unopened original packaging.

These products are for professional use only. The Safety Data Sheet should be consulted before use and the precautionary warnings on the product packaging should be observed. Its correct use, according to its purpose and respecting its technical and security data, provided in these documents, is the sole and exclusive responsibility of the user. ROBERLO S.A.U declines any liability due to the incorrect use of any product.

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