



Revolux DLV 994 uses specially selected raw materials, showing high build, good anti corrosion resistance, excellent color and brightness retention, and fast drying.

## TECHNICAL CHARACTERISTICS

### TYPE

Polyaspartic polyurethane based primer / topcoat, two pack system.

### USAGE

Recommended for offshore equipment, piers, barges, etc. Suitable for pumps, industrial equipment, metal structures and wind towers.

## TECHNICAL INFORMATION

|                                   |  |                          |        |
|-----------------------------------|--|--------------------------|--------|
| <b>COLOR</b>                      | White  |                          |        |
| <b>FINISH</b>                     | Glossy   |                          |        |
| <b>VOLUME SOLIDS</b>              | 90% ± 2  | According to ISO 3233    |        |
| <b>WEIGHT PER LITER</b>           | 1,400 ± 0,05 g/ml  | According to ASTM D 1475 |        |
| <b>FLASH POINT</b>                | 70°C   |                          |        |
| <b>VOC</b>                        | 90 g/l (calculated)  |                          |        |
| <b>MIXING RATIO</b>               |  | Weight                   | Volume |
|                                   | <b>Comp. A</b>   | 100,0                    | 3,0    |
|                                   | <b>Comp. B</b>   | 28,0                     | 1,0    |
| <b>POT LIFE (25°C)</b>            | 3 h  |                          |        |
| <b>INDUCTION TIME</b>             | 15 min   |                          |        |
| <b>THEORETICAL SPREADING RATE</b> | 12,00 m <sup>2</sup> /l - 75 µm<br>3,60 m <sup>2</sup> /l - 250 µm |                          |        |
| <b>WET THICKNESS</b>              | 83 to 277 µm   |                          |        |
| <b>DRY THICKNESS</b>              | 75 to 250 µm   |                          |        |
| <b>DRYING TIME, for 75 µm</b>     |  | 25°C                     |        |

|                                |                          |   |           |
|--------------------------------|--------------------------|---|-----------|
|                                |                          | Minimum   | Maximum   |
|                                | <b>Touch</b>             |   | 30 min    |
|                                | <b>Hard</b>              |   | 1h 30 min |
|                                | <b>Recoat</b>            | 1h 30 min   |           |
| <b>ENVIROMENTAL CONDITIONS</b> | <b>Temperature</b>       | Should be between 0 to 40°C                         |           |
|                                | <b>Relative Humidity</b> | Between 30 to 85%                                   |           |
|                                | <b>Dew Point</b>         | Surface temperature is at least 3°C above dew point |           |
|                                | <b>Thinner</b>           | 440.0000  |           |

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|  | <b>Brush</b> | It is not necessary dilution. This method must be used only for retouch and backing of welding cords and corners. |
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|  | <b>Roller</b> | Dilute up to 5% (vol.) with recommended thinner. Must be used solvent resistant roller (sheep wool). The wool must be cutted (small size) to avoid blistering during the application. |
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## APPLICATION

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|  | <b>Conventional Spray Gun</b> | Dilute up to 5% (vol.) with recommended thinner. Conventional DeVilbiss JGA 502 EX 67 spray gun or similar. Spray pressure between 2,5 to 3,0 kgf/cm <sup>2</sup> (35 to 43 psi). Tank pressure between 1,5 to 2,5 kgf/cm <sup>2</sup> (21 to 35 psi). |
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|--|--------------------------|--|
|  | <b>AirLess Spray Gun</b> | Dilute up to 5% (vol.) with recommended thinner. Use nozzles between 15 to 21 and pump pressure between 140 to 175 kgf/cm <sup>2</sup> (2000 to 2500 psi). |
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|                            | <b>Dirct over carbon steel</b> | The surface must be dry, free of contaminants such as salt deposits, oil, grease, fat, dust and other kind of contaminants. Wash it off with fresh water, detergents and solvents. Recommended treatment standard : ISO 8501-1: Sa2½ (minimum). It is accepted St3 treatment for painting small areas and maintenance repairs. |
| <b>SURFACE PREPARATION</b> | <b>Coated Surfaces</b>         | The surface must be clean and free of contaminants as oils, fat, grease and dust. Must not present peeling's areas. Proceed light sanding (220) to break the gloss.  |
|                            | <b>Recommended Primers</b>     | Revran ECO 997, Revran NVC WST 870, Oxibar PFC 533. Other primers, please contact our technical department.  |
|                            | <b>Recommended TopCoat</b>     | Not applicable   |

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**SHELF LIFE** 12 months

**UN NUMBER** 1263

**HAZARD NUMBER** 33

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#### IMPORTANT RECOMMENDATIONS

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1. The practical spreading rate of the product varies according to the applied thickness, application method and techniques, type and rugosity of the surface and ambient conditions.
2. The weight/l, viscosity and drying values were obtained in laboratory at a temperature of 25°C. At an altered temperature, the results might be different from the specified ones.
3. Low temperatures increase the curing time. At temperatures below 10°C, please contact our technical department.
4. Pot life is shortened by higher temperature and by the increase of catalyzed volume.
5. There may be color changes and / or staining in the film when exposed to UV radiation, immersion and / or contact with water. These features are pigment and do not alter its anti-corrosive performance.
6. Will be able to be applied directly to metal in C1, C2 and C3 environments, ISO 12944-2. For C4 and C5 environments, should apply an appropriate primer before application.

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#### SAFETY PRECAUTIONS

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1. Improper use and handling of this product can be hazardous to health and cause fire or explosion. Do not use it without first taking all appropriate measures to prevent property damage and injuries.
  2. Storage: keep the product in sheltered, well-ventilated areas. Maximum temperature: 40°C. Must not be directly exposed to the sun.
  3. Flammable: flammable product, which must be kept distant from ignition sources, and do not smoke nearby.
  4. Inhalation: Avoid breathing vapors, keeping proper ventilation during application and drying.
  5. Handling: wear proper protective clothing and masks, goggles, etc. Do not eat or drink nor allow children and animals to be near the application area.
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## HEALTH HAZARDS

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1. Skin contact: wash affected area thoroughly with neutral soap.
2. Clothing contact: remove clothing and wash it.
3. Leakage: Isolate the area, and do not smoke nearby. If large quantity leaked in confined area, wear protective masks. Do not inhale vapors. Stop leakage with sand, sawdust or soil, and transfer liquid and solid to separated recipients for disposal.
4. Fire: protect non-affected recipients with water spray. Extinguish fire using carbon dioxide, foam or dry chemical.
5. Eyes contact: flush eyes with large amounts of clean water for at least 10 minutes, and get medical attention immediately.

IMPORTANT: For further information consult the product MSDS (Material Safety Data Sheet).

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