

**TDS 0535**

REVIEW: 02/2015

Standards: PETROBRAS N-1198 F type 1

**Revrán FBR 630**

Component A: 630.9100

Component B: 830.0720



Revrán FBR 630 uses specially selected raw materials, showing good chemical resistance and easy to apply.

**TECHNICAL CHARACTERISTICS****TYPE**

Polyamine-cured epoxy topcoat, two pack system.

**USAGE**

Recommended to broadside, boottop, decks, superstructure, coamings, hatchway lids, accessories in general, metal structures, industrial equipment, marine and offshore, interior and exterior of tanks and piping, also for concrete and masonry floors and walls.

**TECHNICAL INFORMATIONS**

|                                   |                                |   |         |
|-----------------------------------|--------------------------------|---|---------|
| <b>COLOR</b>                      | White                          | Other colors, please consult.   |         |
| <b>FINISH</b>                     | Glossy                         |   |         |
| <b>VOLUME SOLIDS</b>              | 48% ± 2                        | According to ISO 3233   |         |
| <b>WEIGHT PER LITER</b>           | 1,170 ± 0,05 g/ml              | According to ASTM D 1475  |         |
| <b>FLASH POINT</b>                | 32°C                           |   |         |
| <b>MIXING RATIO</b>               |                                | Weight  | Volume  |
|                                   | <b>Comp. A</b>                 | 100,0   | 4,0     |
|                                   | <b>Comp. B</b>                 | 20,0  | 1,0     |
| <b>POT LIFE (25°C)</b>            | 8 h                            |   |         |
| <b>INDUCTION TIME</b>             | 15 to 30 min                   |   |         |
| <b>THEORETICAL SPREADING RATE</b> | 16,0 m <sup>2</sup> /l - 30 µm |   |         |
| <b>WET THICKNESS</b>              | 62,5 µm                        |   |         |
| <b>DRY THICKNESS</b>              | 30 µm                          |   |         |
| <b>DRYING TIME, for 30 µm</b>     |                                | 25°C  |         |
|                                   |                                | Minimum   | Maximum |
|                                   | <b>Touch</b>                   |   | 1h      |
|                                   | <b>Handle</b>                  |   | 8h      |
|                                   | <b>Recoat</b>                  | 16h   | 48h     |
| <b>ENVIROMENTAL CONDITIONS</b>    | <b>Temperature</b>             | Should be between 5 to 52°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>                 | 420.0000  |         |
| <b>APPLICATION</b>                | <b>Brush</b>                   | It is not necessary dilution. This method must be used only for retouch and backing of welding cords and corners.   |         |
|                                   | <b>Roller</b>                  | Dilute up to 10% (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.  |         |
|                                   | <b>Conventional Spray Gun</b>  | Dilute up to 10% (vol.) with recommended thinner. Conventional DeVilbiss JGA 502 FX 704 spray gun or similar. Spray pressure between 2,5 to 3,0 kgf/cm <sup>2</sup> (35 to 50 psi). Tank pressure between 0,5 to 1,5 kgf/cm <sup>2</sup> (7 to 21 psi). |         |
|                                   | <b>AirLess Spray Gun</b>       | Dilute up to 10% (vol.) with recommended thinner. Use nozzles between 21 to 27 and pump pressure between 175 to 210 kgf/cm <sup>2</sup> .   |         |



|                            |                                |   |
|----------------------------|--------------------------------|---|
| <b>SURFACE PREPARATION</b> | <b>Over recommended primer</b> | The surface must be dry, free of contaminants such as salt deposits, oil, grease, fat, dust, etc., and coated with recommended primer.                              |
|                            | <b>Recommended Primers</b>     | Revrans PLB 530 (530.0490) and Revrans PLB 520 (520.0490), for other primers consult our Consultants.   |
|                            | <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 TopCoat</b>     | Not applicable  |

**SHELF LIFE** 12 months

**UN NUMBER** 1263

**HAZARD NUMBER** 33

#### IMPORTANT RECOMMENDATIONS

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. Pot life is shortened by higher temperature and by the increase of catalyzed volume.
4. All epoxy coatings tend to calcinate when exposed to UV rays without modifying their anticorrosive properties.

#### SAFETY PRECAUTIONS

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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