

Product Data



Rust-Ex Acid Tank Liner EXTL 995 Series

Description: **EXTL-995 Series** is a high performance tank liner. This high build "edge retentive" may be used as an interior tank liner for a broad range of aggressive commodities acid or caustic. EXTL 995 is suitable for use in HCL acid applications up to 32%. This high solids, sag resistant, low VOC tank liner is formulated for single coat application, 25-50 mils DFT. The advantages of single coat application are reduced labor cost along with eliminating the possibility of surface contamination between coats. This product is a 2 (two) component, super high build coating formulated with a combination of epoxies, phenolics, novalac and amines for use as a versatile, high performance tank lining. This tested and proven formulation has been the "workhorse" in the industry for years. It has excellent resistance to a wide range of chemicals such as crude oil, sour crude, fuel oil, wastewater and a variety of other products. **SEE CHEMICAL RESISTANCE CHART FOR MORE SPECIFIC RESISTANCE DATA.**

Recommended Uses: Formulated for use in severe chemical and corrosive environments such as frac tanks, tank trailers and vacuum trucks where resistance to a wide range of chemicals, yet retaining good flexibility are primary requirements.

PHYSICAL CONSTANTS

(Subject to normal manufacturing tolerances)

Finish: Eggshell / Semi-Gloss

Color / Shade: Coral

Components: 2 (Two)

Mixing Ratio: 4:1 Base to Activator

Volume Solids: 95% / US Gallon

Dry Time @77° F. and 55% RH:	Surface Temperature	Dry to Handle	Minimum Recoat Time	Maximum Recoat Time	Cure to Immersion	Pot Life
	35° F (2° C)	24 hours	14 hours	36 hours	72 hours	120 minutes
	50° F (10° C)	12 hours	10 hours	24 hours	48 hours	60 minutes
	75° F (21° C)	10 hours	5 hours	8 hours	36 hours	40 minutes
	90° F (32° C)	8 hours	2 hours	6 hours	24 hours	20 minutes

For [maximum immersion temperature](#) please contact technical support or your sales representative for your particular commodity. If the maximum recoat time is exceeded, the surface **MUST** be washed with detergent and water then abraded by sweep blasting prior to the application of additional coats.

Low temperature cure available for applications below 40 degrees

Theoretical Coverage: 1,524 sq. ft. / US gallon @ 1 mils DFT (no loss)

Recommended DFT: minimum 25 mils, max 50 mils

Shelf Life: 8 months when stored indoors @ 75° F. (24° C.)

Storage Temp: 45° - 110° F. (7° - 43° C.)

Clean Up: MEK or Acetone

VOC: .047 lbs. / US gallon **mixed**

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Rust-Ex Epoxy Tank Liner EXTL 995 Series

Surface Preparation: Abrasive blast to white metal in accordance with SSPC-SP5 to obtain 2-4 mil angular blast profile. Grind all welds to a round and smooth contour. Steel shot is not acceptable blast media. It is recommended and good practice to "holiday detect" and touch up as needed all internal liners to insure a monolithic liner free of pin holes, voids, irregularities, etc. Milages over 20 mils DFT will require high voltage "holiday detectors". Grind all welds to a round and smooth contour. Good painting practices always include a strip coat of all welds, sharp edges and inaccessible areas with a brush prior to spray application. Good painting practices always include a strip coat of all welds, sharp edges and inaccessible areas with a brush prior to spray application. We highly recommend following NACE recommended practice Standard RP0178-2003, Item No. 21022 for lining all tanks, especially those that are used for immersion. Copies of the standard can be provided upon request

Application Conditions:

Surface Condition	Surface Temperature	Ambient Temperature	Humidity
Normal	60°-85° F (16°-29° C)	60°-90° F (16°-32° C)	0-80%
Minimum	35° F (2° C)	35° F (2° C)	0%
Maximum	125° F (52° C)	110° F (43° C)	90%

Surface temperature **MUST** be 5° above the dew point to avoid condensation which can cause flash rusting and interfere with adhesion.

Application Equipment: **Airless Spray**, 45:1 (minimum), **Flow rate:** 3.0 gallons per minute, **Pressure:** 2,500-3,500 psi, **Tip sizes:** .019" - .025", **Fluid hose:** 3/8" minimum - 1/2" optimum. Run hose lengths as short as possible. (Brush or roll for touch-up and striping of welds only.)

Mixing Instructions: Power mix each component separately. Combine 4 parts EXTL-995 (Base) to 1part EXTL-020 (Activator) and power mix. DO NOT mix more material than will be used within the pot life time, approx. 45 minutes. **These products are weighed while being packaged for accuracy. Mixing a partial kit is not recommended.**

Thinning: Not recommended.

Packaging:

1 Gallon Kit	Approx. Shipping Weight:	14.50 lbs. / 5.07 kg
5 Gallon Kit	Approx. Shipping Weight:	58.04 lbs. / 26.30 kg

Compatibility: If unsure about the compatibility of this product with other commodities, please contact an Excalibur technical service representative at 877-392-2542.

PRECAUTIONS

***** SAFETY ***** Packings are provided with applicable safety labels which should be observed. In addition, national and local regulations should be followed.

As a general rule, inhalation of solvent vapors or paint mist and contact of liquid paint with skin and eyes should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory skin and eye protection are always recommended when painting. See complete Material & Safety Data Sheets for detailed health hazards and safety information.

DISCLAIMER and LIMITATION OF LIABILITY

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