

# SOLUTIONS FOR BUSES, TRAILERS AND SEMI-TRAILERS

Coatings that guarantee protection and durability



Driving efficiency and sustainability



## SOLUTIONS FOR BUSES, TRAILERS AND SEMI-TRAILERS

The industry of buses and trailer is a dynamic and challenging environment. The companies demand ever-lower vehicle operating and repair costs combined with improved reliability and durability.

As partners, WEG Coatings provides a portfolio of technological solutions suited to manufacturers to face these challenges by ensuring high-performance and productivity coatings, specifically in terms of physical and chemical resistance.

Our solutions range from chassis protection, to the finishing of bus structures, bodies, trucks and trailers. Check out our coating plans for liquid and powder coatings and find the best option for you.

### COATING SYSTEMS FOR CHASSIS

SYSTEM 01	PRODUCT	DRY FILM THICKNESS	FUNCTION
1 <sup>st</sup> coat	W-POXI RRP 325	2.36 mils	Primer
2 <sup>nd</sup> coat	W-THANE MSD 503	2.76 mils	Topcoat

SYSTEM 02	PRODUCT	DRY FILM THICKNESS	FUNCTION
1 <sup>st</sup> coat	W-THANE HBD 503	3.54 mils	Primer / Topcoat

#### W-POXI RRP 325



Two-component, cycloaliphatic amine epoxy primer with fast drying and excellent anticorrosive protection. W-POXI RRP provides quick repainting and excellent finishing with great wetting and leveling. Used as primer and finishing with excellent adhesion and anti-corrosion protection on phosphatized or degreased carbon steel surfaces.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
Grey, white, beige and other colors (on request)	45 ± 3%	305,59 ft <sup>2</sup> /gal	Touch: 90 min Handling: 3 hours Final: 5 dias	Fast overcoating

#### W-THANE MSD 501 / W-THANE MSD 503



Two-component, high-performance aliphatic acrylic polyurethane self priming with anti-corrosive pigmentation. It offers good chemical and continuous weathering resistance, excellent color and gloss retention, high resistance to atmospheric agents, high performance in hardness and impact. Excellent finish for painting agricultural and road implements, machinery and equipment that need resistance to natural weathering.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
Available in a wide range of pigments which allows the formulation of numerous colors.	40 ± 5%	250.6 ft <sup>2</sup> /gal	Touch: 1 hour Handling: 6 hours Final: 168 hours	Medium solids

## W-THANE HBD 501 / W-THANE HBD 503



High-performance two-component aliphatic acrylic polyurethane direct to metal. It provides good chemical resistance and continuous weathering resistance, excellent adhesion to carbon steel and color and gloss retention, high resistance to atmospheric agents and some solvents, high performance in terms of hardness, impact and abrasion.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
Available in a wide range of pigments which allows the formulation of numerous colors.	54 ± 5%	244.5 ft <sup>2</sup> /gal	Touch: 1 hour Handling: 8 hours Final: 168 hours	High thickness

## COATING SYSTEMS FOR TRAILERS

SYSTEM 01	PRODUCT	DRY FILM THICKNESS	FUNCTION
1 <sup>st</sup> coat	W-POXI RRP 325	2.4 mils	Primer
2 <sup>nd</sup> coat	W-THANE MSD 501	2.8 mils	Topcoat

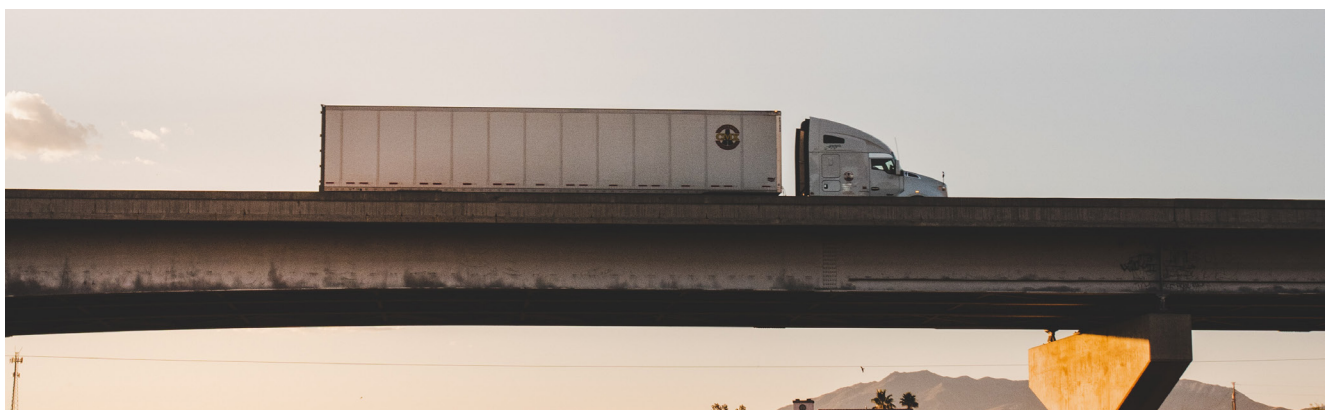
SYSTEM 02	PRODUCT	DRY FILM THICKNESS	FUNCTION
1 <sup>st</sup> coat	W-THANE HBD 501	3.5 mils	Primer / Topcoat

## COATING SYSTEMS FOR TRAILERS - POLYUREA

The protective film resists to extreme temperature variations, impacts and bending. It has high resistance to abrasion and corrosion, reducing material fatigue, in addition to absorbing sound and vibration.

Fast application, with our approved technicians, guarantees a quick return to service with minimum maintenance downtime. When applied to truck dump boxes, the coating facilitates the material unloading process, increasing productivity.

SYSTEM 01	PRODUCT	DRY FILM THICKNESS	FUNCTION
1 <sup>st</sup> coat	W-POXI ONP 415	1.2 mils	Sealer
2 <sup>nd</sup> coat	W-POLI HBD 453	39.4 mils	Primer/Topcoat



## W-POXI ONP 415



Fast-drying two-component epoxy primer that allows wet on wet application. Excellent corrosion protection, flexibility and hardness. Excellent adhesion to aluminum, galvanized steel and fiberglass.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
Yellow	25 ± 2%	346.3 ft <sup>2</sup> /gal	Touch: 5 min Handling: 20 min Final: 72 hours	Buses

## W-POLI HBD 453



Aromatic pure polyurea elastomer coating in spray application, fast curing, 100% solid, abrasion resistant and flexible. Can be used alone or in combination with other materials to produce resilient surfaces on metal and other substrates.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
Grey, black, beige and other colors (on request)	100%	4.9 ft <sup>2</sup> /lb	Touch: 15 seconds	High thickness

## COATING SYSTEMS FOR BOX TRUCKS

SYSTEM 01	PRODUCT	DRY FILM THICKNESS	FUNCTION
1 <sup>st</sup> coat	W-POXI ONP 415	1.2 mils	Adhesion primer
2 <sup>nd</sup> coat	W-THANE ONA 501	2.2 mils	Topcoat

SYSTEM 02	PRODUCT	DRY FILM THICKNESS	FUNCTION
1 <sup>st</sup> coat	W-NÍLICA PRIMER BRANCO	0.5 mils	Primer / Topcoat
2 <sup>nd</sup> coat	W-LACK SRA 111	2.2 mils	Topcoat

## W-THANE ONA 501



High-performance 2-pack aliphatic acrylic polyurethane topcoat. Good adhesion to various primers/ substrates (on recommendation). Excellent color and gloss retention, high resistance to atmospheric agents and some solvents, high performance in terms of hardness, impact and abrasion.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
Available in a wide range of pigments which allows the formulation of numerous colors.	36 ± 5%	264.8 ft <sup>2</sup> /gal	Touch: 1 hour Handling: 5 hours Final: 168 hours	Buses



## W-NÍLICA WHITE PRIMER



Adhesion promoting primer based on modified and vinyl resins. Excellent adhesion promoter on carbon steel, aluminum and cast iron. Indicated as a primer that promotes adhesion to the external structure of the bus body, with excellent adhesion.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
White	15 ± 2%	516.7 ft <sup>2</sup> /gal	Touch: 5 min Handling: 20 min Final: 72 hours	-

## W-LACK SRA 111



Alkyd resin-based topcoat. It has high performance and good color retention in outdoor environments. Recommended for coating metallic structures, agricultural and road implements, machinery and equipment.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
Available in a wide range of pigments which allows the formulation of numerous colors.	40 ± 5%	4,464.5 ft <sup>2</sup> /gal	Touch: 30 min Handling: 24 hours Final: 72 hours	Fast drying



## COATING SYSTEMS FOR FUEL TANKS

### External Painting of Tanks

SYSTEM 01	PRODUCT	DRY FILM THICKNESS	FUNCTION
1 <sup>st</sup> coat	W-POXI RRP 325	2.4 mils	Primer
2 <sup>nd</sup> coat	W-THANE MSD 501	2.8 mils	Topcoat

SYSTEM 02	PRODUCT	DRY FILM THICKNESS	FUNCTION
1 <sup>st</sup> coat	W-THANE HBD 501	3.5 mils	Primer / Topcoat

### Internal Painting of Fuel Tanks

SYSTEM 01	PRODUCT	DRY FILM THICKNESS	FUNCTION
1 <sup>st</sup> coat	WEG FENÓXI	4.9 mils	Primer
2 <sup>nd</sup> coat	WEG FENÓXI	4.9 mils	Topcoat

## WEG FENÓXI



Two-component phenolic epoxy direct to metal. It provides excellent chemical resistance, including several solvents, excellent corrosion and abrasion resistance. Indicated for the internal coating of fuel tanks and petroleum derivatives, such as diesel, gasoline, kerosene and aviation fuel.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
White, grey, oxide red, blue	76 ± 2%	248.5 ft <sup>2</sup> /gal	Touch: 3 hours Handling: 8 hours Final: 168 hours	-



## SOLUTIONS FOR BUSES

Buses spend most of the day on the road in all climates. That is why the coatings have to offer exceptional resistance to weathering and corrosion, in addition to presenting excellent coverage.

Check out our solutions that contribute to better performance, high productivity and durability for the bus coating segment.



## COATING SYSTEMS FOR BUSES

### Body Structural

SYSTEM 01	PRODUCT	DRY FILM THICKNESS	FUNCTION
1 <sup>st</sup> coat	BICOMPONENT GALVANIC PRIMER	1.4 mils	Primer
2 <sup>nd</sup> coat	W-SEAL RUBBERIZED	19.7 mils	Anti-noise

SYSTEM 02	PRODUCT	DRY FILM THICKNESS	FUNCTION
1 <sup>st</sup> coat	W-POXI GALVANIC SINGLE-COMPONENT	1.4 mils	Primer
2 <sup>nd</sup> coat	W-SEAL HIDRO EBD 735	11.8 mils	Anti-noise



## Aluminum Sheet

SYSTEM 01	PRODUCT	DRY FILM THICKNESS	FUNCTION
1 <sup>st</sup> coat	W-POXI ONP 415	1.2 mils	Primer
2 <sup>nd</sup> coat	W-THANE ONA 501	2.2 mils	Topcoat
3 <sup>rd</sup> coat	W-CRIL ONA 501	2.2 mils	Clearcoat

## WEGPOXI GALVANIC BICOMPONENT



Two-component modified epoxy primer. It provides excellent corrosion protection and adhesion to hotdipped and electrolyte galvanized steel, aluminum, carbon steel and blasted cast iron. Recommended as primer for bus body supporting structure with excellent adhesion.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
Green, black	21 ± 3%	244.5 ft <sup>2</sup> /gal	Touch: 30 min Handling: 3 hours Final: 168 hours	-

## W-SEAL HIDRO EBD 735



Water-soluble acrylic resin-based rubber primer. It is used for protection of skirts (front and rear), internal parts of bumpers and door running boards, also being able to be used in the internal parts of the hood, engine cover and floor of vehicles in general. When more diluted it can be used as finishing in suspension (front and rear) and in the external part of monoblocs.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
Black, grey, white	55 ± 5%	73.4 ft <sup>2</sup> /gal	Touch: 40 min Handling: 3 hours Final: 72 hours	Fast refinish

## W-SEAL RUBBERIZED



Asphaltic resin-based rubber topcoat. It provides a good-appearance finishing. The product offers antinoise action, provides good corrosion protection and impermeability. It can be used in high-build applications.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
Black	57 ± 5%	48.9 ft <sup>2</sup> /gal	Touch: 15 min Handling: 24 hours Final: 168 hours	-



## W-POXI GALVANIC SINGLE-COMPONENT



Single-component modified epoxy primer. It provides excellent corrosion protection and adhesion to hotdipped and electrolytically galvanized steel. Recommended as primer for bus body supporting structure with excellent adhesion. Due to its excellent corrosion protection and fast drying, it can be used to paint other equipments.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
Green, black	21 ± 3%	244.5 ft <sup>2</sup> /gal	Touch: 15 min Handling: 60 min Final: 168 hours	Fast drying



## W-CRIL ONA 501



High performance two-component aliphatic acrylic polyurethane clearcoat. It provides good chemical resistance and continuous weathering resistance, excellent adhesion to carbon steel and color and gloss retention, high resistance to atmospheric agents and some solvents, high performance in terms of hardness, impact and abrasion.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
Colorless	35 ± 5%	264.8 ft <sup>2</sup> /gal	Touch: 30 min Handling: 5 hours Final: 168 hours	Buses

### Fiber Finish

SYSTEM 01	PRODUCT	DRY FILM THICKNESS	FUNCTION
1 <sup>st</sup> coat	W-THANE ERP 504	1.4 mils	Primer
2 <sup>nd</sup> coat	BODY FILLER ST	-	Body filler
3 <sup>rd</sup> coat	W-THANE ONA 501	2.2 mils	Topcoat
4 <sup>th</sup> coat	W-CRIL ONA 501	2.2 mils	Clearcoat

## W-THANE ERP 504



Air and oven drying acrylic polyurethane primer. It presents good adhesion and good resistance to bad weather. Used in automotive refinish, on fiberglass substrates.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
Beige	38 ± 5%	448.2 ft <sup>2</sup> /gal	Touch: 20 min Handling: 40 min Final: 24 hours	Extra Fast Drying

## BODY FILLER ST



Putty for correcting surface defects, replacing fast putty and plastic putty in one single product. It has higher filling power, easy application, fast drying and excellent sandability. Recommended for correcting ferrous-metallic, galvanized, aluminum and fiber surfaces.

COLOR	VOLUME SOLIDS	THEORETICAL COVERAGE	DRYING	FEATURE
White	-	-	Handling: 10 - 15 min	-



## COATING SYSTEMS FOR BUSES - POWDER COATING

WEG offers a diversified line of powder coatings with state-of-the-art technology and lines with international quality certifications, that may become a differential to the finished product. Check out the powder coating schemes below.

APPLICATION	SURFACE PREPARATION	PRODUCT LINE	COATING SYSTEM & DRY FILM THICKNESS (mils)
Internal environments where high abrasion resistance is required (ideal for grab bars in public transport)	Phosphatization for ferrous metals and chromatzation for non-ferrous metals	POLITHERM 26 RA	Base Coat: 2 - 2.8 for smooth  Topcoat: 2.8 - 3.5 for texturized
Non-aggressive internal environments		POLITHERM 20 POLITHERM 21 POLITHERM 22	
Internal environments where high physical and chemical resistance is required		POLITHERM 24 POLITHERM 25	
Environment where high resistance to weathering is required		POLITHERM 86 POLITHERM 87	
External environments where high resistance is required in addition to superior gloss and color retention	Zinc Phosphating, tricationic or blasting with steel grit for ferrous metals	POLITHERM W-Zn + POLITHERM 26 or POLITHERM 46	
Internal and external environments where high corrosion protection is required			

Notes: In case of the need of coatings with total exemption of heavy metals, we suggest the products of the W-Eco line.

\* In case of use of metallized coatings, it is recommended the use of a layer of Politherm Clearcoat as topcoat.

\*\* Some particular colors may required a thicker layer for full coverage.



The scope of WEG Group solutions is not limited to the products and solutions presented in this brochure.

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contact us.**

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operations visit our website**





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