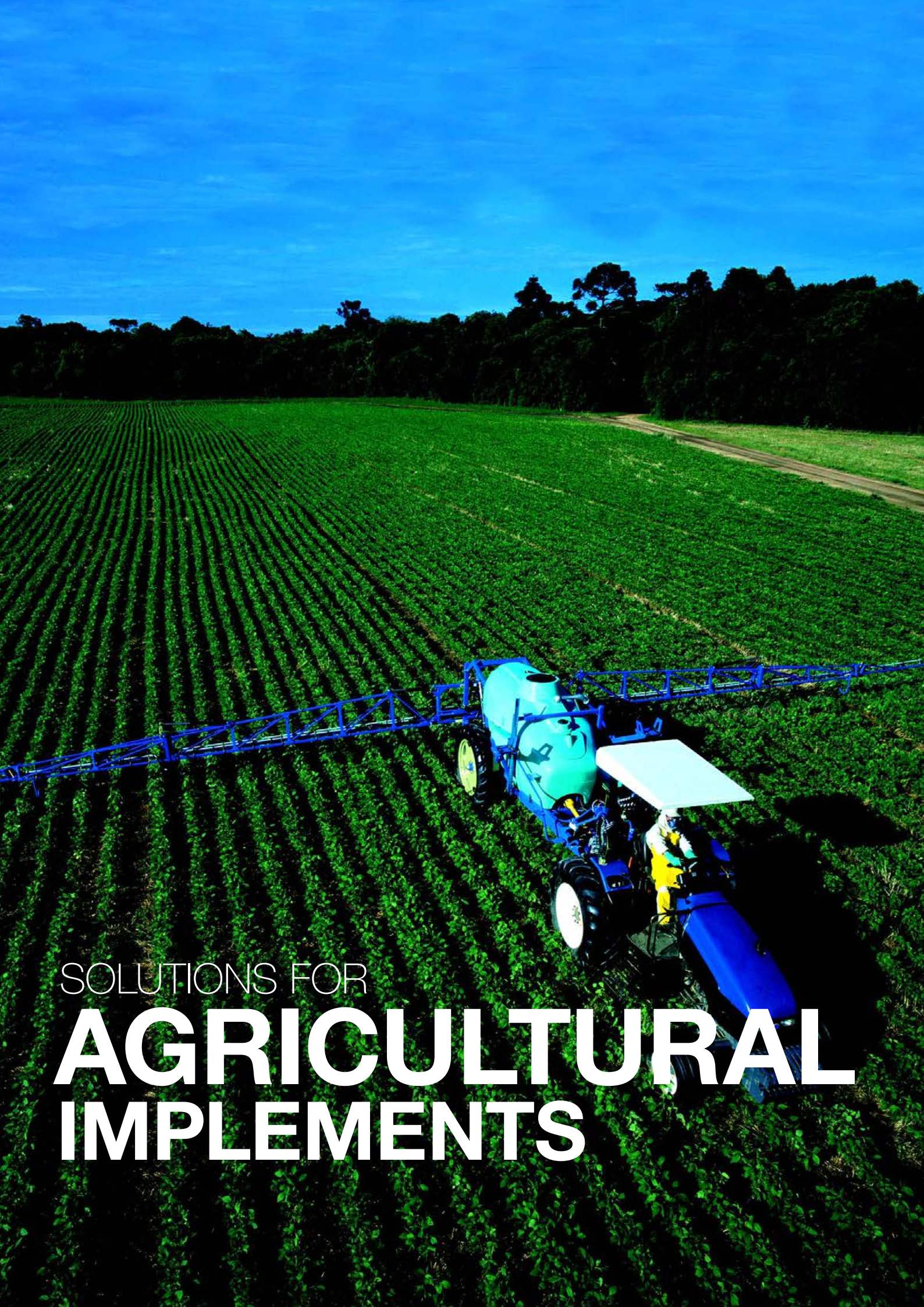


Coatings

Solutions for Agricultural Implements



Dark Blue	Medium Blue
Light Blue	Dark Blue
Dark Blue	Light Blue
Medium Blue	Light Blue
Light Blue	Dark Blue
Medium Blue	Light Blue
Light Blue	Dark Blue
Dark Blue	Medium Blue
Light Blue	Dark Blue
Light Blue	WEG



SOLUTIONS FOR
**AGRICULTURAL
IMPLEMENTS**



Solutions for Agricultural Implements

Each market segment has its specific characteristics. We understand that as no one else. WEG has developed the following lines for Agricultural Implements:

Liquid Coatings

- W-LACK (alkyds)
- W-POXI (epoxies)
- W-THANE (polyurethanes)
- W-TERM (ovens and high temperature)
- W-HIDRO (water-soluble)

Powder coatings

- POLITHERM Epoxy System
- Hybrid System
- Polyester System

Conventional Painting Schemes

Painting scheme 1	Product	Dry Thickness	Function
1 st Coat	W-LACK CVP 115	35 microns	Primer
2 nd Coat	W-LACK SRA 111	35 microns	Topcoat

W-LACK CVP 115

- High performance, fast drying, alkyd resin based primer with inert corrosion inhibiting pigmentation.

Color	Ral, Munsell or according to the customer's standard.		
Theoretical coverage*	12,8 m ² /L (35µm)		
Solids per volume	45 ± 5%		
Drying (at 25°C)	Touch	Handling	Total
	30 min	4 hours	72 hours

W-LACK SRA 111

- Alkyd resin based topcoat. High performance and good color retention in outdoor applications.

Color	Ral, Munsell or according to the customer's standard.		
Theoretical coverage*	11,4 m ² /L (35µm)		
Solids per volume	40 ± 5%		
Drying (at 25°C)	Touch	Handling	Total
	30 min	24 hours	72 hours

Painting scheme 2	Product	Dry Thickness	Function
1 st Coat	W-LACK CVD 121	40 microns	Primer / Topcoat

W-LACK CVD 121

- Single-component phenolic alkyd based resin primer/topcoat with excellent adhesion and anticorrosive protection on phosphatized or degreased carbon steel surfaces.

Color	Ral, Munsell or according to the customer's standard.		
Theoretical coverage*	14,3 m ² /L (35µm)		
Solids per volume	50 ± 5%		
Drying (at 25°C)	Touch	Handling	Total
	60 min	24 hours	72 hours

Painting scheme 3	Product	Dry Thickness	Function
1 st Coat	POLITHERM 26-27	60 -80 microns	Primer / Topcoat

UVA Resistance: 500 Hours | Salt Spray Resistance: 500 Hours (on steel with zinc phosphate)

POLITHERM 26 and 27

- Polyester powder coating with excellent adhesion and flexibility, high physical resistance, good chemical resistance, good resistance to weathering and yellowing. Available in the versions of normal curing (Politherm 26) and low curing (Politherm 27).



* The theoretical coverage values refer to the coverage without losses and with the layer indicated in the suggested painting schemes

Painting Scheme with Good Anticorrosive and Weathering Resistance

In addition to conventional painting schemes, WEG Coatings offers solutions that provide higher anticorrosive and ultraviolet ray resistance properties.

Painting scheme 1	Product	Dry Thickness	Function
1 st Coat	W-ESTER HPP 965	30 microns	Primer
2 nd Coat	W-THANE ERA 531	40 microns	Topcoat

W-ESTER HPP 965

- Single-component air drying ester epoxy primer. Product with good adhesion and flexibility.



Color	Ral, Munsell or according to the customer's standard.		
Theoretical coverage*	19,6 m ² /L (25µm)		
Solids per volume	49 ± 2%		
Drying (at 25°C)	Touch	Handling	Total
	10 min	3 hours	72 hours

W-THANE ERA 531

- Conventional aliphatic polyurethane topcoat. Topcoat with good resistance to natural weathering.

Color	Ral, Munsell or according to the customer's standard.		
Theoretical coverage*	9,5 m ² /L (40µm)		
Solids per volume	38 ± 5% (Depending on the color)		
Drying (at 25°C)	Touch	Handling	Total
	30 min	3-5 hours	168 hours

Painting scheme 2	Product	Dry Thickness	Function
1 st Coat	W-THANE LXP 545	35 microns	Primer
2 nd Coat	W-THANE ERA 531	40 microns	Topcoat

W-THANE LXP 545

- Aromatic polyurethane primer with good protection, good drying and good adhesion to fiber and carbon steel. Great sandability.

Color	Gray.		
Theoretical coverage*	12,8m ² /L (35µm)		
Solids per volume	40 ± 5%		
Drying (at 25°C)	Touch	Handling	Total
	60 min	2 hours	168 hours

Painting scheme 3	Product	Dry Thickness	Function
1 st Coat	W-POXI UUP 415	40 microns	Primer
2 nd Coat	WEGTHANE HPA 501	50 microns	Topcoat

W-POXI UUP 415

- Conventional bicomponent epoxy primer with zinc phosphate pigmentation. Fast drying, wet-wet overcoating system, excellent anticorrosive protection, flexibility and hardness.

Color	Beige and Gray			
Theoretical coverage*	5,6 m ² /L (75µm)			
Solids per volume	42 ± 2%			
Drying (at 25°C)	Touch	Handling	Total	Repainting
	10 min	2 hours	72 hours	Wet / wet (min) 24 hours (max)

Painting scheme 4	Product	Dry Thickness	Function
1 st Coat	W-THANE SRD 501	70 microns	Primer / Topcoat

W-THANE SRD 501

- High performance bicomponent aliphatic acrylic polyurethane primer/topcoat, with zinc phosphate based anticorrosive pigmentation. Good chemical resistance and good resistance to continuous weathering, excellent adhesion to carbon and galvanized steel, excellent color and gloss retention, high resistance to atmospheric agents, high hardness and impact performance.

Color	Ral, Munsell or according to the customer's standard.		
Theoretical coverage*	7,4m ² /L (70µm)		
Solids per volume	46 ± 5%		
Drying (at 25°C)	Touch	Handling	Total
	30 min	3 hours	168 hours

Painting scheme 5	Product	Dry Thickness	Function
1 st Coat	POLITHERM 46-47 WF	60 -80 microns	Primer / Topcoat

UVA Resistance: 1000 Hours | Salt Spray Resistance: 500 Hours (on steel with zinc phosphate)

POLITHERM 46 e 47 WF

- Polyester powder coating with excellent adhesion and flexibility, high physical resistance, good chemical resistance, excellent resistance to weathering and yellowing. Available in the versions of normal curing (Politherm 46 WF) and low curing (Politherm 47 WF).



High-Performance Painting Schemes - Liquid Coatings

For high-performance painting schemes, WEG Coatings offers products that combine total protection, high anticorrosive resistance, excellent color and gloss retention with productivity gains.

Painting scheme 1	Product	Dry Thickness	Function
1 st Coat	W-POXI MPC 300	100 microns	Primer
2 nd Coat	WEGTHANE HPA 501	50 microns	Topcoat

WEGTHANE HPA 501

- High performance aliphatic acrylic polyurethane topcoat. Good chemical resistance and good resistance to weathering with excellent color and gloss retention.

Color	Ral, Munsell or according to the customer's standard.		
Theoretical coverage*	10,2m ² /L (55µm)		
Solids per volume	56 ± 2%		
Drying (at 25°C)	Touch	Handling	Total
	2 hours	6 hours	168 hours

W-POXI MCP 300

- Pigmented polyamine epoxy primer with zinc and micaceous iron oxide. Fast drying and excellent anticorrosive protection and abrasion resistance.

Color	Graphite Gray		
Theoretical coverage*	6,5m ² /L (100µm)		
Solids per volume	65 ± 3%		
Drying (at 25°C)	Touch	Handling	Total
	30 min	1,5 hours	240 hours

Painting scheme 2	Product	Dry Thickness	Function
1 st Coat	W-POLI ERD 451	150 microns	Primer / Topcoat

It Replaces Applications of Epoxy Primer + Polyurethane Topcoat

W-POLI ERD 451

- Polyurea based primer/topcoat of low VOC (Volatile Organic Compounds) with excellent resistance to ultraviolet rays, it is recommended for aggressive environments, providing good anticorrosive protection on carbon steel. It can also be applied in a single coat directly to the substrate for moderate environments, without the need of a primer.

Double-Function Primer / Topcoat

Color	Ral, Munsell or according to the customer's standard.		
Theoretical coverage*	4,4 m ² /L (200µm)		
Solids per volume	88 ± 2%		
VOC content (g/L)	103		
Drying (at 25°C)	Touch	Handling	Total
	70 min	7 hours	168 hours



Painting scheme 3	Product	Dry Thickness	Function
1 st Coat	W-POXI ERP 322	100 microns	Primer
2 nd Coat	WEGTHANE HPA 501	60 microns	Topcoat

W-POXI ERP 322

- High solids epoxy primer with zinc phosphate anticorrosive pigments. Fast drying and good applicability. Excellent adhesion to carbon steel treated by abrasive blasting.

Color	Oxide red and gray		
Theoretical coverage*	5,3m ² /L (100µm)		
Solids per volume	80 ± 2%		
Drying (at 25°C)	Touch	Handling	Total
	60 min	4 hours	168 hours

High-Performance Painting Schemes - Powder Coatings

Politherm powder coatings ensure total protection with high anticorrosive resistance and excellent color and gloss retention.



Painting scheme 1	Product	Dry Thickness	Function
1 st Coat	POLITHERM 25 N6,5	80-100 microns	Primer
2 nd Coat	POLITHERM 46 WF	60-80 microns	Topcoat

UVA Resistance: 1000 Hours | Salt Spray Resistance: 1000 Hours

POLITHERM 25


- Epoxy coating with excellent adhesion, flexibility, physical and chemical resistance. Excellent anticorrosive protection. Low resistance to weathering and yellowing. Recommended as primer or for direct application in sheltered environments. It contains additives to reduce curing time/temperature.

Painting scheme 2	Product	Dry Thickness	Function
1 st Coat	POLITHERM 25 N6,5	80-100 microns	Primer
2 nd Coat	POLITHERM 86 WFS	60-80 microns	Topcoat

UVA Resistance: 2000 Hours | Salt Spray Resistance: 1000 Hours

POLITHERM 86 WFS

- Recommended for application over ceramic tiles, metal roofs and structures exposed to weather such as garden furniture, gates and agricultural implements, POLITHERM 86 WFS line is an evolution in polyester topcoats. Its formulation provides greater resistance to weathering, resulting in greater gloss and color retention in comparison to the common polyester resin based topcoats.



Painting scheme 3	Product	Dry Thickness	Function
1 st Coat	POLITHERM W-Zn	50-70 microns	Primer
2 nd Coat	POLITHERM 46 WF	60-80 microns	Topcoat

UVA Resistance: 1000 Hours | Salt Spray Resistance: 2000 Hours (on blasted steel)

POLITHERM W-Zn

- Anticorrosive epoxy powder coating rich in zinc. Developed for coating metal parts in situations where conventional phosphate conversion coating is not possible and anticorrosive protection is required.



Benefits

- It replaces galvanization in certain applications;
- Anticorrosive protection is increased in those cases where phosphatization is not possible;
- It does not cause undesired surface outgassing like in hot-galvanized sheets.

Performance

In laboratory tests, Politherm 24 W-Zn + Polyester system applied on steel plate blasted with steel grit presented excellent performance over 2000 hours of salt spray.



Application

- Coating for metal parts recommended for situations where it is necessary to maximize the anticorrosive protection;
- It can be used as base for later application of epoxy, hybrid or polyester topcoats.

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is essential.**

**As much as
understanding your
needs.**



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