ELEMENT
COATINGS

TD-01

PROFESSIONAL CERAMIC COATINGS

TECHNICAL DATA

Paint, wheel, glass and trim coatings. Product data, laboratory reference and installation guidance for authorized installers and dealers.



P03 · PRODUCT RENDERING

P01 P02 P03 W01 G01 T01

element-coatings.com

For authorized installers

THE ELEMENT COATING SYSTEM

THREE PAINT PROGRAMS. THREE SURFACE COATINGS.

Every ELEMENT coating carries a clear product code, so the installer can select a program and document the installation against the vehicle record. Coating purchases are reserved for authorized installers and dealers.

PRODUCT INDEX

CODE	SURFACE	BOTTLE	PUBLISHED EFFECTIVENESS	WARRANTY
P01	Paint	50 mL	Up to 3 years	3-year limited paint program
P02	Paint	50 mL	Up to 6 years	6-year limited paint program
P03	Paint	50 mL	10+ years	10-year limited paint program
W01	Wheel	30 mL	Up to 3 years	Not covered by the paint warranty
G01	Glass	30 mL	Up to 2 years	Not covered by the paint warranty
T01	Trim	30 mL	Up to 2 years	Not covered by the paint warranty

CHOOSING A PAINT PROGRAM

	P01 · 3-YEAR	P02 · 6-YEAR	P03 · 10-YEAR
Published film	5 µm	5 µm	9 µm
Chemical resistance	Very good	Excellent	Outstanding
Published coverage	200 sq ft / 100 mL	200 sq ft / 100 mL	180 sq ft / 100 mL
Published dry time	20 minutes	20 minutes	40 minutes
Salt spray, ASTM B117	Not specified	>350 hours	>400 hours
Impact, ASTM D2794	Not specified	80/80 in-lb	80/80 in-lb

READING THIS DOCUMENT

"Published" figures are formulation reference data. Durability figures describe the underlying formulation under suitable conditions; they are not guaranteed service life. "Not specified" means no figure has been published.

INSIDE

P01, P02 and P03 data sheets (pages 3–5) · W01, G01 and T01 (page 6) · Installation, cure and registration (page 7) · Test notes and contacts (page 8).

Formulation reference data. Actual durability, coverage, film and cure vary with preparation, application, use and environment. Dry time is not permission to wash or expose the coating to water. Follow the supplied application and cure instructions.

CERAMIC PAINT COATING

P01

Gloss starts here.

A smooth, high-gloss ceramic finish with water-repellent behavior that helps make routine cleaning easier.



PRODUCT RENDERING · 50 ML

PAINT WARRANTY PROGRAM	PUBLISHED FILM	PENCIL HARDNESS	CHEMICAL RESISTANCE
3 years	5 µm	9H	Very good

PRODUCT DATA

ELEMENT bottle	50 mL
Published effectiveness	Up to 3 years; conditions dependent
Appearance	Clear / high gloss
Published film thickness	5 µm
Pencil hardness	9H
Chemical resistance	Very good
UV protection	Yes
Published coverage	200 sq ft / 100 mL
Published dry time	20 minutes
Initial / full cure	4 hours / 3 days
Application	Professional wipe-on / buff-off
Storage	Sealed and dry at 55–85°F / 13–29°C; follow the batch use-by date

LABORATORY REFERENCE

Temperature resistance	>538°C / 1000°F
Salt-spray resistance ASTM B117	Not specified
Cross-cut adhesion ASTM D3359	5B / 0% removed
Mandrel bend ASTM D522	0% at 180°
Impact ASTM D2794	Not specified

Material test ratings are not whole-vehicle or component operating limits. 9H, where specified, is pencil hardness and does not mean scratch-proof. Salt-spray results use 5% salt at 35°C / 95°F; they are not a corrosion warranty.

LIMITED PAINT WARRANTY

3-year program

- Professional installation by an authorized installer
- Verified registration to the vehicle record
- No annual inspection or paid maintenance visit required

Coverage applies to eligible, verified installations and is subject to ELEMENT's written limited paint warranty and exclusions.

Formulation reference data. Actual durability, coverage, film and cure vary with preparation, application, use and environment. Dry time is not permission to wash or expose the coating to water. Follow the supplied application and cure instructions.

CERAMIC PAINT COATING

P02

Made for the long view.

A strongly water-repellent ceramic coating with a glossy finish and a formulation designed to resist chemical exposure.



PRODUCT RENDERING · 50 ML

PAINT WARRANTY PROGRAM	PUBLISHED FILM	PENCIL HARDNESS	CHEMICAL RESISTANCE
6 years	5 µm	9H	Excellent

PRODUCT DATA

ELEMENT bottle	50 mL
Published effectiveness	Up to 6 years; conditions dependent
Appearance	Clear / high gloss
Published film thickness	5 µm
Pencil hardness	9H
Chemical resistance	Excellent
UV protection	Yes
Published coverage	200 sq ft / 100 mL
Published dry time	20 minutes
Initial / full cure	4 hours / 3 days
Application	Professional wipe-on / buff-off
Storage	Sealed and dry at 55–85°F / 13–29°C; follow the batch use-by date

LABORATORY REFERENCE

Temperature resistance	>760°C / 1400°F
Salt-spray resistance ASTM B117	>350 hours
Cross-cut adhesion ASTM D3359	5B / 0% removed
Mandrel bend ASTM D522	0% at 180°
Impact ASTM D2794	80/80 in-lb

Material test ratings are not whole-vehicle or component operating limits. 9H, where specified, is pencil hardness and does not mean scratch-proof. Salt-spray results use 5% salt at 35°C / 95°F; they are not a corrosion warranty.

LIMITED PAINT WARRANTY

6-year program

- Professional installation by an authorized installer
- Verified registration to the vehicle record
- No annual inspection or paid maintenance visit required

Coverage applies to eligible, verified installations and is subject to ELEMENT's written limited paint warranty and exclusions.

Formulation reference data. Actual durability, coverage, film and cure vary with preparation, application, use and environment. Dry time is not permission to wash or expose the coating to water. Follow the supplied application and cure instructions.

CERAMIC PAINT COATING · FLAGSHIP

P03

The flagship finish.

An exceptionally slick, high-gloss finish with our thickest published paint-coating film. For owners who take the long view.



PRODUCT RENDERING · 50 ML

PAINT WARRANTY PROGRAM	PUBLISHED FILM	PENCIL HARDNESS	CHEMICAL RESISTANCE
10 years	9 µm	9H	Outstanding

PRODUCT DATA

ELEMENT bottle	50 mL
Published effectiveness	10+ years; conditions dependent
Appearance	Clear / high gloss
Published film thickness	9 µm
Pencil hardness	9H
Chemical resistance	Outstanding
UV protection	Yes
Published coverage	180 sq ft / 100 mL
Published dry time	40 minutes
Initial / full cure	4 hours / 3 days
Application	Professional wipe-on / buff-off
Storage	Sealed and dry at 55–85°F / 13–29°C; follow the batch use-by date

LABORATORY REFERENCE

Temperature resistance	>760°C / 1400°F
Salt-spray resistance ASTM B117	>400 hours
Cross-cut adhesion ASTM D3359	5B / 0% removed
Mandrel bend ASTM D522	0% at 180°
Impact ASTM D2794	80/80 in-lb

Material test ratings are not whole-vehicle or component operating limits. 9H, where specified, is pencil hardness and does not mean scratch-proof. Salt-spray results use 5% salt at 35°C / 95°F; they are not a corrosion warranty.

LIMITED PAINT WARRANTY

10-year program

- Professional installation by an authorized installer
- Verified registration to the vehicle record
- No annual inspection or paid maintenance visit required

Coverage applies to eligible, verified installations and is subject to ELEMENT's written limited paint warranty and exclusions.

Formulation reference data. Actual durability, coverage, film and cure vary with preparation, application, use and environment. Dry time is not permission to wash or expose the coating to water. Follow the supplied application and cure instructions.

WHEELS · GLASS · TRIM

COMPLETE THE EXTERIOR.

Wheels, glass and trim have separate formulations and care instructions. Surface coatings are separate from the limited paint warranty.

W01
WHEEL COATING · 30 ML

ELEMENT bottle	30 mL
Published effectiveness	Up to 3 years; conditions dependent
Appearance	Clear / high gloss
Published film thickness	Up to 9 µm
Pencil hardness	9H
Chemical resistance	Outstanding
UV protection	Yes
Published coverage	180 sq ft / 100 mL
Published dry time	40 minutes
Initial / full cure	4 hours / 3 days
Application	Professional wipe-on / buff-off

LABORATORY REFERENCE

Temperature resistance	>760°C / 1400°F
Salt-spray resistance ASTM B117	>400 hours
Cross-cut adhesion ASTM D3359	5B / 0% removed
Mandrel bend ASTM D522	0% at 180°
Impact ASTM D2794	80/80 in-lb

G01
GLASS COATING · 30 ML

ELEMENT bottle	30 mL
Published effectiveness	Up to 2 years; conditions dependent
Appearance	Invisible
Published film thickness	3 µm
Pencil hardness	Not specified
Chemical resistance	Not specified
UV protection	Yes
Published coverage	40 sq ft / 10 mL
Published dry time	20 minutes
Initial / full cure	4 hours / 3 days
Application	Professional wipe-on / buff-off

LABORATORY REFERENCE

Temperature resistance	Not specified
Salt-spray resistance ASTM B117	Not specified
Cross-cut adhesion ASTM D3359	Not specified
Mandrel bend ASTM D522	Not specified
Impact ASTM D2794	Not specified

T01
TRIM COATING · 30 ML

ELEMENT bottle	30 mL
Published effectiveness	Up to 2 years; conditions dependent
Appearance	Clear / high gloss
Published film thickness	8 µm
Pencil hardness	Not specified
Chemical resistance	Very good
UV protection	Yes
Published coverage	200 sq ft / 100 mL
Published dry time	40 minutes
Initial / full cure	4 hours / 3 days
Application	Professional wipe-on / buff-off

LABORATORY REFERENCE

Temperature resistance	Not specified
Salt-spray resistance ASTM B117	Not specified
Cross-cut adhesion ASTM D3359	5B / 0% removed
Mandrel bend ASTM D522	Not specified
Impact ASTM D2794	Not specified

Storage for all surface coatings: Sealed and dry at 55–85°F / 13–29°C; follow the batch use-by date. Material test ratings are not whole-vehicle or component operating limits. 9H, where specified, is pencil hardness and does not mean scratch-proof. Salt-spray results use 5% salt at 35°C / 95°F; they are not a corrosion warranty.

Formulation reference data. Actual durability, coverage, film and cure vary with preparation, application, use and environment. Dry time is not permission to wash or expose the coating to water. Follow the supplied application and cure instructions.

FOR AUTHORIZED INSTALLERS

FROM APPLICATION TO HANDOVER.

Follow the supplied application, safety and cure instructions for your product and batch. The guidance below summarizes the published data for every ELEMENT coating.

01

Apply

Professional wipe-on / buff-off application on prepared surfaces, following the instructions supplied with the product.

02

Dry and cure

Published dry time is 20 or 40 minutes depending on the coating. Initial cure is 4 hours; full cure is 3 days. Dry time is not permission to wash or expose the coating to water.

03

Register

Register every installation against the vehicle and its ELEMENT sticker reference (EC-XXXX-XXXX). Coverage requires verification and is measured from the installation date.

04

Hand over

The owner can open the vehicle record at any time from the sticker. No annual inspection or paid maintenance visit is required to keep paint coverage.

CURE REFERENCE

COATING	PUBLISHED DRY TIME	INITIAL CURE	FULL CURE
P01	20 minutes	4 hours	3 days
P02	20 minutes	4 hours	3 days
P03	40 minutes	4 hours	3 days
W01	40 minutes	4 hours	3 days
G01	20 minutes	4 hours	3 days
T01	40 minutes	4 hours	3 days

VEHICLE RECORDS

Registered installations appear at warranty.element-coatings.com. Owner details and the full VIN stay private. Ownership transfers require verification and keep the original expiry date.

STORAGE AND SAFETY

Store sealed and dry at 55–85°F / 13–29°C and follow the batch use-by date. Application and safety documents are available on request from support@element-coatings.com.

Formulation reference data. Actual durability, coverage, film and cure vary with preparation, application, use and environment. Dry time is not permission to wash or expose the coating to water. Follow the supplied application and cure instructions.

ELEMENT
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ABOUT THE TEST DATA

Material test ratings are not whole-vehicle or component operating limits. 9H, where specified, is pencil hardness and does not mean scratch-proof. Salt-spray results use 5% salt at 35°C / 95°F; they are not a corrosion warranty. Durability figures describe the underlying formulation under suitable conditions; they are not guaranteed service life. Warranty coverage applies to eligible, verified installations and is subject to ELEMENT's written limited paint warranty and exclusions. Wheel, glass and trim coatings are outside the paint warranty.

CONTACTS

Authorization, ordering and documents: support@element-coatings.com
Limited paint warranty: element-coatings.com/pages/warranty-terms
Vehicle records: warranty.element-coatings.com