

**ADPRIME No.1**  
**PRODUCT CODE: 355 201 BASE**  
**3555 099 HARDENER**  
(Page 1 of 3)

**DESCRIPTION**

Two component polyamide cured zinc phosphate epoxy primer.

**TYPICAL USE**

Primer for ferrous and non-ferrous substrates, especially where epoxy or polyurethane top coats are to be used.

**ADVANTAGES**

Excellent adhesion to ferrous and non-ferrous metal.  
Offers protection in marine conditions.  
Can be over-coated with several top coats e.g. epoxy, polyurethane, vinyl, acrylic and chlorinated rubber.

**TECHNICAL DATA**

Type : Epoxy / Polyamide  
No. of components : Two Base Component  
Appearance : Thixotropic yellow liquid.  
Density : 1.60 – 1.63  
Viscosity : 70 – 75 Kreb Units.

**Hardener**

Appearance : Transparent brown liquid.  
Density : 1.02 – 1.04

**Mixed Properties (at 23°C)**

Mix ratio : 4 parts Base : 1 part Hardener (by volume).  
Colour : Yellow  
Viscosity : 70 – 75 kreb units.  
Solids by volume : 55%  
Induction time : 15 – 20 minutes  
Application temperature : 10 – 50°C  
Service temperature : Maximum 110°C  
Storage temperature : Ideally 5 – 25°C  
Thinner : Epoxy Thinners  
Cleaning solvent : Epoxy Thinners  
Shelf Life : At least 12 months.  
Flash Point : 25°C  
Pack size : 1 litre and 5 litre

<b>Pot Life</b>		<b>Coverage 9m<sup>2</sup> / litre (50 microns D.F.T.)</b>		
10°C	16 hours	<u>Spreading Rate</u>	<u>W.F.T.</u>	<u>D.F.T.</u>
20°C	12 hours		Microns	Microns
30°C	8 hours	18 m <sup>2</sup> /litre	45	25
		9 m <sup>2</sup> /litre	90	50

**ADPRIME No.1**  
**PRODUCT CODE: 355 201 BASE**  
**3555 099 HARDENER**  
(Page 2 of 3)

**DRYING AND OVERCOATING TIMES**

	<u>Surface</u>	<u>Hard</u>	<u>Over coating</u> <u>Minimum</u>	<u>Maximum</u>
10°C	10 hours	24 hours	12 hours	72 hours
20°C	6 hours	16 hours	8 hours	48 hours
30°C	4 hours	12 hours	4 hours	24 hours

Recommended top coats : Umeguard (Build coat)  
Epicon / Adthane (Topcoats)  
ACRI 700

**SURFACE PREPARATION**

Mild Steel : Remove millscale by blasting to SA 2½ (Swedish Standard).  
Ideally all mild steel should be cleaned to this standard, but if it is not practical it must be well abraded.  
Ensure the surface is sound and cleaned, removing rust, grease, oil, dirt or any other contaminant.

Galvanised Iron (non-ferrous) : Clean with Galv-o-Clean until a water break-free surface is obtained. Rinse well with fresh water.

**APPLICATION**

Brush or roller : Ready for use (can add up to 10% Epoxy Thinners)

Airless spray : Recommended Thinner : Epicon Epoxy Thinners.  
Volume of thinner : 5 – 10%  
Nozzle orifice : Approximately 0,48 mm.  
Nozzle pressure : Approximately 2000 psi

Air spray : Recommended Thinner : Epicon Epoxy Thinners.  
Volume of thinner : 15 – 25%  
Nozzle orifice : 1.5 – 3 mm  
Nozzle pressure : Approx 300 kPa

**TYPICAL SPECIFICATION**

(for non-ferrous metal)

	<u>Product</u>	<u>No. of Coats</u>	<u>D.F.T. (microns)</u>
Primer	Adprime	1	50
Undercoat	Umeguard	1	50
Topcoat	Adthane	1	30

**ADPRIME No.1**  
**PRODUCT CODE: 355 201 BASE**  
**3555 099 HARDENER**  
(Page 3 of 3)

**HEALTH & SAFETY**

Read instructions on container.  
Avoid skin contact and inhalation.  
Skin : Wash well with soap and water.  
Eyes : Flush with water and immediately seek medical attention.  
Refer to Material Safety Data Sheet for details.

The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the users responsibility to confirm the currency of product data sheets

FOR FURTHER INFORMATION PLEASE CONTACT: (TOLL FREE) 0800 222 423

Website: [www.dekro.co.za](http://www.dekro.co.za) e-mail: [info@dekro.co.za](mailto:info@dekro.co.za)