

# Polyurethane Based **ARMOR 360** AntiCorrosive**ClearCoat**



## FEATURES

**ENDRUST® Armor 360** is a High-Solids, Single Component, Moisture Cured, Aliphatic Polyurea.

**ENDRUST® Armor 360** is a high performance non-flammable clearcoat using automotive grade polyurethane technology to produce a durable, flexible, impact, abrasion and chemical resistant non-yellowing coating.

**ENDRUST® Armor 360** can be applied to suitably prepared existing coatings and will not substantially alter the appearance of the asset.

## RECOMMENDED USES

**ENDRUST® Armor 360** is recommended as a final clear protective coating for enhanced corrosion protection. It is an ideal coating to protect assets that are deployed in aggressive environments.

**ENDRUST® Armor 360** will also help minimise the build of minerals, salts and general dirt and grime making it difficult for foreign substances to adhere to the surface.

It finds uses in the protection of equipment and machinery in the following industries;

- Mining
- Oil and Gas
- Transport; road and rail tankers/trailers
- Agriculture
- Chemical
- General construction

## SPECIFICATION DATA

<b>Colour:</b>	Clear	<b>Viscosity:</b>	450 cps @cps approx
<b>Finish:</b>	High Gloss	<b>Application Temp:</b>	10°C – 30°C
<b>Active Ingredients</b>	1 pack polyisocyanate (aliphatic polyurea)	<b>Dry Film Thickness:</b>	100µ DFT per coat
<b>Packaging:</b>	5 litre	<b>Coverage:</b>	~ 1ltr = 7.5 – 10msq
<b>Mix Ratio:</b>	1 single component	<b>Pot Life:</b>	~ 100 min @ 25°C
<b>Solids Content:</b>	90% ww	<b>Touch Dry:</b>	<4hrs @ 25°C
<b>Total VOC:</b>	<100g/ltr	<b>Recoat:</b>	6 – 18 hrs
<b>Viscosity:</b>	450 cps @cps approx	<b>Hard Dry:</b>	24 hours
		<b>Shelf life:</b>	7 days

## PERFORMANCE

<b>Temperature Resistance:</b>	Up to 120°C dry heat
<b>Abrasion Resistance:</b>	Excellent
<b>Weatherability:</b>	Excellent
<b>Solvent Resistance:</b>	Excellent
<b>Chemical Resistance:</b>	Excellent

## SURFACE PREPARATION

Surface should be clean, sound, and free from rust, oils, dust, and any other contaminants. If any of these are present then remove accordingly, either by scraping, sanding or power washing. Use acrylic thinners or Acetone to finalise the cleaning of the surface before application. The surface must be dry, as the presence of moisture will catalyse the reaction.

Polyurethane Based  
**ARMOR 360**  
AntiCorrosive**ClearCoat**



### DIRECTION OF USE

<b>Conventional Air Spray:</b>	Typical set up 300-400 kPa, 1.7-2.5 mm Fluid Nozzle.
<b>Airless Spray:</b>	Typical set up 30:1 pump ratio with a fluid tip of approximately 432 micrometers (0.017inch) and a nozzle pressure of 14 MPa (2000 psi).
<b>Brush/Roller:</b>	Apply a full even coat to the recommended film build.
<b>Clean up:</b>	Acrylic Thinners.

**Do not apply if temperature is below 10C or Relative Humidity is above 85%.**

### PRECAUTIONS

**ENDRUST® Armor 360** contains highly flammable solvents and therefore should be stored away from heat and open flames. Do not smoke whilst using. When applying in a confined space use an airline respirator. Do not allow spilt product to remain on the skin. Normal health and hygiene standards should be observed when using this product. Wear suitable protective clothing to avoid contact with skin and eyes and avoid breathing vapour. Do not spray in confined or poorly ventilated areas without the use of approved air supplied breathing apparatus.

Cleaning and Storage: Close the container tightly to prevent air penetration. Store in roofed and ventilated place.

*\*Note: The figures quoted for pot-life and drying times may vary with local conditions - such as ambient temperature and humidity, storage conditions, and volume mixed. If the temperature is high (>25°C), the material is stored in the open, or a large volume is mixed, then the pot-life will be significantly reduced.*

**IMPORTANT!** See the Safety Data Sheet for health and safety information prior to use.

### CONTACT

**ENDRUST AUSTRALIA**  
(ABN: 62 651 348 659)

23b Fairbrother St, Belmont Western Australia 6104  
Telephone (+61) 8 9325 1399 Fax (+61) 8 9325 2431

[info@endrust.com.au](mailto:info@endrust.com.au)  
[www.endrust.com.au](http://www.endrust.com.au)

***ENDRUST - The Name You Can Trust !***

#### Disclaimer

This is not a specification, and all the information is given in good faith. Since conditions of use are beyond the control of the manufacturer, information contained herein is without warranty, implied or otherwise, and final determination of the suitability of a information or material for the use contemplated, the manner of use and whether there is any infringement of patents is the responsibility of the user. The manufacturer does not assume any liability in connection with the use of the product relative coverage, performance, or injury. For application in special conditions, consult the manufacturer for detailed recommendations.