

# Epoxy Based UB702

## AntiCorrosive **Bottomside**



### FEATURES

**ENDRUST® UB702** also known as “Ultratect Beamastic”, is a multi-purpose, 2 pack epoxy coating, formulated specifically for general purpose applications, where a high build surface tolerant epoxy is required.

With a mixed volume solid of 80%, ENDRUST® UB702 allows for the application of high film builds up to 200µ DFT, from a single application.

The cured film has the excellent resistance.

to abrasion, chemicals, and solvents.

**ENDRUST® UB702** can be applied directly to prepared substrates, if required. For interior applications, the coating can be top coated only if required.

### RECOMMENDED USES

**ENDRUST® UB702** is a high build; high volume solids coating that will provide excellent moisture, chemical, solvent and abrasion resistance. Due to its high build properties, it may be used to protect sharp edges and angles, and is ideally suited for the following applications in extremely aggressive environments:

- Mining and Industrial Heavy Machinery.
- Marine Structures and Equipment.
- Drilling & Exploration Equipment.
- Mining and Industrial Sites including structures, pipes, roofs, tank exteriors.
- General Construction and Steelwork

### SPECIFICATION DATA

<b>Colour:</b>	Light Grey (UB702G) or Black (UB702B)	<b>Dry Film Thickness:</b>	175-200µ DFT/coat
<b>Finish:</b>	Semi-Gloss Mixed Density: ~1.63 g/cc Packaging: 20 litre kits	<b>Wet Film Thickness:</b>	220-250µ WFT/coat
<b>Mix Ratio:</b>	4 parts base. 1 part hardener.	<b>Coverage:</b>	4 m <sup>2</sup> / litre @ 200µ DFT
<b>Application:</b>	Spray, small areas by brush	<b>Number of Coats:</b>	1-2 coats, depending on application.
<b>Clean-up:</b>	Epoxy Thinner	<b>Pot Life:</b>	5 hours @ 25°C 3 hours @ 35°C
<b>Storage:</b>	Store under cool dry conditions away from heat and sources of ignition.	<b>Touch Dry:</b>	6 hours @ 25°C 4 hours @ 35°C
<b>Mixed Volume Solids:</b>	~80%	<b>Dry to Recoat:</b>	16 hours minimum, 48 hours maximum*
		<b>Hard Dry:</b>	16 hours
		<b>Full Cure:</b>	7 days

### PERFORMANCE

<b>Temperature Resistance:</b>	Excellent
<b>Abrasion Resistance:</b>	Excellent
<b>Weatherability:</b>	Excellent
<b>Chemical Resistance:</b>	Excellent

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## DIRECTIONS FOR USE

Can be applied onto already painted surfaces or new steel surfaces. Ensure surface is dry and remove any oil or grease with prepsol or thinners. Loose paint or rust should be removed with a wire brush or sandpaper. Previously coated surfaces should be in sound condition - smooth, hard, or glossy finishes should be scarified with a course Scotch-Brite pad or P300 sandpaper to create a surface profile.

Mix 4 parts by volume of ENDRUST® UB702 **base** with 1 part by volume of ENDRUST® UB702 **hardener**. Allow to stand for 10 minutes prior to application.

If applying by conventional spray, then thinning 5-10% with a quality Epoxy Thinner may be added as necessary.

ENDRUST® UB702 is best applied by airless spray with a pump ratio of at least 40:1 and a fluid tip of 425 - 475µ (17 - 19 thou). If applying at high builds, ensure the build is gradual with several coats being applied.

Small areas may be touched up by brush.

A quality epoxy Accelerator may be added to speed the cure response at low temperatures.

Provide adequate natural ventilation during use. Wash equipment immediately after use with Quality Epoxy Thinner.

***DO NOT apply if temperature is below 10°C unless temperature is rising.***

## PRECAUTIONS

*\*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 (SDS) for health and safety information prior to use.

## CONTACT

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