

## UNI-GUARD GP TOPCOAT 2K

### DESCRIPTION / USE:

Uni-Guard Topcoat is a new technology hybrid coating specially designed to withstand exposure in many external conditions with excellent UV resistance and colour retention. **Hybrid** waterborne and solvent free technology, Uni-Guard Topcoat is a modified polyurethane acrylic and is suitable for use where a general purpose enamel would typically be used. Uni-Guard GP Topcoat is suitable for direct to substrate applications. For applications where improved corrosion and impact resistance is required, Boja Specialised Coatings recommend the use of a Uni-Guard primer.

### AREAS OF USE:

General purpose coating for metal and non-porous substrates (contact a Boja representative for more details). Suitable for mild steel, structural fabrication, transport equipment, maintenance, stairways, doors, alloys and general steel frames.

### SPECIAL FEATURES:

- **'All in 1'** suitable for direct to metal (light duty)
- Waterborne, non-flammable, low VOC and odour
- Good adhesive properties to most steel substrates
- Non-drip good anti-sagging spray properties
- Cleaning up with water, no solvent required
- Elastomeric properties to withstand crack or peel
- Very good impact resistance when used in conjunction with **Uni-Guard H2O 1K Primer**

### MIXING & THINNING:

Ready for use in most applications. If required, thin with up to 5% water.

Add full contents of Part B and power mix.

### METHOD OF APPLICATION:

Brush, roller or spray conventional and airless.

Do not apply if air temperature is below 10°C or above 35°C. Do not apply if the substrate temperature is 10°C or less.

To achieve a 'high build' coat direct to metal, apply initial light mist coat, allow it to flash off, apply further coats as required to achieve the recommended film build without sagging.

**Do not** apply if rain is expected or in extremely high humidity, greater than 85% R.H. ***unless in controlled environment.***

**AVAILABLE COLOURS:**

For colours refer to Uni-Guard Standard Colour Card.

AS2700 colours - MTO

(made to order, metallic or matt finish - minimum order quantity may apply for colours not included in colour card)

**RE-COAT TIME:**

4 hours @ 25°C.

**COVERAGE:**

6m<sup>2</sup> / Lt. 70 µm per coat DFT

Apply as two coats to achieve 140 µm DFT.

**SHELF LIFE:**

12 months from date of manufacture.

**CLEAN / WASH UP:**

Water.

**SURFACE PREPARATION:**

**Steel** - Remove all loose paint, mill scale and rust materials. Round off all sharp edges. Ensure substrate is dry and clean. Remove all contaminant grease, oil and lubricants in accordance with AS1627.1.

**Other Substrates** - Contact a Boja representative.

**HEALTH & SAFETY:**

- Refer to MSDS prior to use
- Wear protective clothing
- Ensure good ventilation if using indoors
- Wear eye protection
- When spraying, wear suitable vapour cartridge respirator
- Store in a cool place

**FIRST AID:**

**Eye Contact** – rinse with cold running water for 10 to 15 minutes. Seek medical attention if irritation persists.

**If Swallowed** – drink large amounts of water and seek medical attention.

**ENVIRONMENT:**

Do not tip unused paint or waste materials down drains.

Dispose of waste using authorised collection procedures.

**DISPOSAL:**

During clean up after use, ensure that any chemicals do not flow to gutters or drains as it may contaminate waterways. Do not reuse empty can. Container can be recycled. Check with your local authorities or waste management office for more information related to the disposal of this container.

**PHYSICAL TEST PROPERTIES:**

PROPERTIES	UNI-GUARD GP TOPCOAT 2K
Components	Two
Density	1.10 g/cm <sup>3</sup>
Volume Solids	44% depending on colour
Touch Dry	2 hours @ 25°C
Re-Coat Time	4 hours @ 25°C
Hard Dry	24 hours @ 25°C
Full Cure	72 hours @ 25°C
Coverage	6m <sup>2</sup> / Lt
WFT	150 µm per coat
DFT	70 µm per coat
VOC	80g / Lt
Clean / Wash Up	Water

***Disclaimer: Due to no direct control over application of its products, Boja Specialised Coatings advise any recommendation or information is provided based on technical information outlined during specification period. Boja Specialised Coatings does not accept responsibility or liability arising from the use of its products whether or not in accordance with any advice, information, recommendation, specification or service.***