



DUE TO PRINTING LIMITATIONS, COLOURS FEATURED ARE A GUIDE ONLY AND BASED ON CAMPBELL PAINTS STANDARDS. HIGHLANDER™ STEEL PROTECTOR 240-247 IS AVAILABLE IN LOW SHEEN ONLY.

PRODUCT FEATURES

High Performance - Containing Zinc Phosphate, **Highlander™** provides excellent protection for steel.

High Build - Allows for build up to 185 microns, which increases protection of the substrate.

Fast Dry - Quick turnaround time in application means less waiting.

Single Pack - **Highlander™** is easy to apply and recoat.

IDEAL USE

Highlander™ Steel Protector is an exceptional steel primer designed for use in conjunction with either **Highlander™** 210, 310 or 600 enamel topcoat. It is the ideal primer for not only structural steel in factories, commercial buildings schools, but also machinery and equipment under a **Highlander™** series enamel, **Ceramevic™** exterior polyurethane or **Evapoxy™** epoxy topcoat. **Highlander™ Steel Protector** may also be used as a finish for structural steel that does not require long-term exterior protection.

PRODUCT SIZING - LISTED IN LITRES

Highlander™ Steel Protector 240 - Light Grey	1	4	20
Highlander™ Steel Protector 241 - Mid Grey	1	4	20
Highlander™ Steel Protector 242 - Black	1	4	20
Highlander™ Steel Protector 242 - Blue	1	4	20
Highlander™ Steel Protector 245 - Red Oxide	1	4	20
Highlander™ Steel Protector 247 - Buff Yellow	1	4	20

GLOSS LEVEL - LOW SHEEN

Highlander™ Steel Protector 240-247 are available as low sheen only.

PERFORMANCE

Extensive testing all confirm the premium performance of **Highlander™ Steel Protector** as an exceptional anti-corrosive primer.

Weather: Good in general industrial environments. Should be topcoated for long-term exterior exposure.

Heat: Performs in temperatures up to 100°C (dry heat).

Solvent: Resists alcohol and mineral turpentine. Film is liable to attack from other strong solvents.

Acid/Alkali: Not recommended where fumes, splash or spillage of acids/alkali may occur.

Salts: Withstands splash and spillage of neutral salts only.

Water: Resists rain and condensation. Not recommended for permanently damp or immersed exposure.

Abrasion: Moderate resistance to abrasion.

TECHNICAL DATA

Toxicity: Lead free, Dry film is non-toxic and conforms to AS1647, Part 3

Volume Solids: 41% ± 2

Wet Film Thickness: 100-185 microns

Dry Film Thickness: 40-75 microns

EQUIPMENT - SPRAY APPLICATION (A BRUSH MAY BE USED FOR SMALL AREAS)

Application by conventional or airless spraygun is recommended, however a brush may be used for small areas.

Conventional Spray: Star Pro-Series SP770 with 1.7mm-2.0mm tip (or equivalent). Air pressure approximately 275-310kPa (40-45psi).

Airless Spray: Use heavy-duty airless spray with 11 to 15 thou plus tip.

Pressure Pot: Set pot pressure at 55kPa (8psi) and maintain gun air pressure at approximately 275kPa (40psi).

DRY TIMES @ 20°C

Time to Touch Dry: 5-15 minutes

Time to Handling: 1 hour

Time to Recoat: 16-24 hours

THIN QUANTITY - 5-30%, DEPENDING ON APPLICATION TECHNIQUE

Spraygun: 20-30% with 220S solvent.

Brushing (small areas only): Up to 5% with Mineral Turpentine.

Stir thoroughly using a flat (never round) bladed stirrer before and during use.

PREPARATION - PREPARE SUBSTRATE FOR PRIMER

STEEL: Abrasive blast clean to AS1627 Part A Class 2 as a minimum standard. If unable to abrasive blast clean, thoroughly degrease with 825S solvent and remove rust and mill scale by combination of power tool and wire brushing to AS1627.2 Class 1.

APPLICATION - PRIME SUBSTRATE FOR APPROPRIATE TOPCOAT

For best results, apply one full coat of Highlander™ Steel Protector to the substrate followed by 1-2 finishing coats of the appropriate Campbell's topcoat (i.e. **Highlander™** series enamel, **Ceramevic™** exterior polyurethane or **Evapoxy™** epoxy topcoat).

CLEAN UP

Spraying equipment should be thoroughly flushed clean before the coating cures with 220S solvent.

SAFETY DATA - REFER TO M240 FOR FULL DETAILS

Engineering Controls: Provide the level of ventilation required to keep the concentration of atmospheric contaminant below the TLV. Conduct paint mixing and application operations in a spray booth or equivalent mechanically ventilated area. Keep containers closed when not in use.

Personal Protection: If exposure standards are being exceeded wear a respirator meeting AS 1715 / AS1716. Avoid skin and eye contact. Use impermeable gloves and eye protection. If skin contact occurs wash at once with mild soap and warm water. Observe sensible personal hygiene standards. Always wash before smoking, eating, drinking, or visiting the toilet.

Flammability: This product is Highly Flammable Dangerous Goods Class 3, PG II, Hazchem 3[Y]E, with a flash point below 0°C and must be transported and handled accordingly. Keep away from all sources of ignition, flames sparks, hot surfaces etc. When pouring avoid free falls of more than a few inches.

Storage and Transport: Store in a cool, dry place out of direct sunlight. Keep away from oxidising substances. Keep containers closed when not in use. This product is Highly Flammable Dangerous Goods Class 3, PG II, Hazchem 3[Y]E, EPG 3C1, and should be stored and transported accordingly.

Spills and Disposal: Immediately extinguish all sources of ignition. Keep people away. Ventilate the area or wear self contained breathing apparatus. Clean up crew should wear eye and skin protection. Shut off source of spill. Contain and absorb with earth or sand. Shovel into marked, sealable containers for disposal. High Strength Cleaning Solvent I800S would be suitable for final clean up. Avoid contaminating water supplies, waterways, sewers or drains. Refer more than trivial quantities to the State Waste Authority and advise the nature of the product. Alternatively consult Evic about disposal arrangements.

Fire/Explosion Hazard: Products of combustion will include carbon dioxide & carbon monoxide. Thick smoke and dangerous fumes may be evolved. Fire-fighters should wear full protective clothing including self contained breathing apparatus. Fight fires with foam, CO₂, dry powder or water spray, depending on the circumstances. Do not contaminate waterways, water supplies, sewers or drains.

SHELF LIFE

Up to 12 months if stored in a properly sealed container.

USERS

This is a specialised industrial coating and should only be applied by experienced and competent tradesmen and in accordance with the manufacturers specification. **Please read material Safety Data Sheet M240.**

FURTHER INFORMATION - CALL THE EVIC GROUP ON 1800 761 761

Go to www.evic.com.au for product and material safety data on all Evic Group products. Information is also available in booklet and CD-ROM form, or by e-mail and fax transmission.

For further enquiries, call the Evic Group on (freecall) 1800 761 761.