

METAL PRIMER – 2205

TECHNICAL DATA SHEET

DESCRIPTION & USES:

Elastotec Metal Primer 2205

Elastotec Metal Primer 2205 (EMP 2205) primer is designed for use as a metal primer beneath a coating of Elastotec Cold Vulcanising Adhesive (ECVA) to bond Elastotec pulley lagging to steel pulley shells. The CN Bonding Layer incorporated into all Elastotec pulley lagging has been designed to work in combination with EMP 2205 and ECVA to provide consistent adhesion levels above 12 N/mm and rubber tear bonds.



FEATURES AND BENEFITS:

Easy to Apply

Applies easily by brush, or roll coat methods. Application by spray coating is not recommended.

Durable

Provides rubber tearing bonds and excellent environmental resistance when used in combination with Elastotec Cold Vulcanising Adhesive and Elastotec pulley lagging

APPLICATION:

Surface Preparation

- Thoroughly clean pulley surfaces prior to primer application. Remove protective oils, cutting oils and greases by solvent degreasing or alkaline cleaning. Remove rust, scale or oxide coatings by suitable chemical or mechanical cleaning methods.
- Mechanical Cleaning Grit blasting is the preferred and most widely used method of mechanical cleaning. Ensure blasting media is not contaminated with oil, grease etc as this may adversely affect adhesion.
Grinding can also be used for metal surface preparation where sand blasting is not available..
- Handle clean metal surfaces with clean gloves to avoid contamination with oils from the skin.

Mixing

- Thoroughly stir EMP 2205 primer before use, and agitate sufficiently during use to keep dispersed solids uniformly suspended.

Applying

- Apply EMP 2205 by brush, or roll coat to give a uniform coating - avoid runs, tears or pooling of the primer as the thicker primer coating in these areas reduces adhesion. Normally a single coat of EMP 2205 is sufficient – coating must be consistent grey finish with no appearance of the pulley shell visible through the coating.
- Apply EMP 2205 to pulley surface within one-half hour after blasting.

Drying/Curing

- Thoroughly dry the pulley shell that has been coated with EMP 2205 before applying the covercoat adhesive. Overnight drying is recommended for maximum adhesion.

Clean Up

- Clean up using MEK solvent.

Coverage

- Coverage of 5 sqm/litre

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TYPICAL PROPERTIES*

Appearance:	Grey liquid
Density:	0.87-0.92
Flash Point (Closed Cup)°C (°F)	14 (57)
	Methyl Isobutyl Ketone (MIBK), Methyl Ethyl Ketone (MEK), Xylene

SHELF LIFE/STORAGE

Shelf life is one year from date of shipment when stored at 21-27°C (70-80°F) in original, unopened container.

SAFETY INFORMATION

Before using this product, refer to the Material Safety Data Sheet (MSDS) and label for safe use and handling instructions.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

