



## INTRODUCTION

ARMOURCOTE® 5700 produces a durable, bonded coating containing finely divided Molybdenum disulphide in a tough, thermosetting resin binder. The system was developed to meet the demands for improved lubrication and corrosion protection in aggressive environments and provides a thin, hard, low friction coating which is capable of continuous operation at extreme temperatures.

## FEATURES

- Outstanding corrosion protection. Superior to most common plating techniques such as zinc or cadmium plate.
- Completely dry lubricating film. Resists pick up of dust, dirt and other harmful contaminants.
- Excellent resistance to a broad spectrum of aggressive chemicals and solvents
- Uniform friction coefficient. Allows accurate tensioning of threaded fasteners.
- Reduces wear. Extends components life, eliminates pick up and fretting corrosion.
- Reduces risk of seizure

## PROPERTIES

	Armourcote® 5700
Appearance	Matt grey/black dry film
Solid Lubricant	Molybdenum Disulphide
Typical Thickness	20 ± 5µm
Cure Temperature	180°C / 20 Minutes
Operating Temperature	-220°C to +150°C
Corrosion Protection	500 hours + when tested at typical thickness over Manganese Phosphate Up to 3000 hours when tested at typical thickness over ARMOURCOTE® 5700 primer
Permissible Substrates	Ferrous and non ferrous metals, ceramics and certain plastics

## APPLICATIONS

ARMOURCOTE® 5700 is particularly suited to the lubrication and corrosion protection of bearings, gears, threaded fasteners, pistons, conveyor and drive chains, working in aggressive environments.

N.B. All information supplied on this data sheet should be used as a guide only