

## INTRODUCTION

Armourcote 5180 is a 3 coat system. Stage 1 is the application of a red base coat. Stage 2 is the application of a black base coat. Stage 3 is the top coat application which contains epoxy resin and solid lubricant. The base coats contain epoxy resin in a solvent mix.

## FEATURES

- High abrasion resistance
- Outstanding corrosion protection
- Good lubricity

## PROPERTIES

	Armourcote 5180
Coating Thickness	20 - 25µm per coat
Coefficient of Friction	0.4 to 0.6
Hardness	46-50 sword
Temperature Range	-184 to 260 °C
Chemical resistance	Up to 2,500 hours salt spray resistance (ASTM B-117). Obtainable by applying over a manganese phosphate base.
Wear resistance	Excellent abrasion resistance due to the self lubricating molybdenum disulphide topcoat, and toughness and corrosion protection offered by the resinous intermediate coats.

## APPLICATIONS

Used extensively in the oil industry on actuator screw threads, flange bolts and most sub sea connectors.