

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	0.04 to 0.06
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.