

## TECHNICAL DATA SHEET

®

# ARMASPRAY

### **Description**

Armaspray is a unique, dual pack, high solids, glassflake epoxy resin based highly surface tolerant coating system. It is intended for application to steel substrates prepared to the standard ST2 minimum, mill scale free.

### **Uses**

For the long term corrosion protection of steel structures in Aggressive environments. It provides excellent resistance to sea water and range of aggressive chemicals for structures, pipelines, tanks etc. for refineries and petrochemical plants, chemical & metal industries, power plants, an several other heavy industries.

### **Properties**

<b>TEST METHOD</b>	<b>STANDARD</b>	<b>UNIT</b>	<b>VALUE</b>
Shore D hardness	ASTM D2240		86
Volume solids		%	90
Tensile strength	ASTM D638	MPa	51
Adhesion pull off	ASTM 4541	MPa	16
Taber Abrasion	ASTM D 060	Mg	60

### **Surface preparation**

Steel surfaces must be free of all contamination, such as grease, dirt, oil and salt. Grease and oil must be removed with a suitable degreaser. Cleaning can be carried out using hand or power tool e.g. needle guns to ST2, minimum.

Refer to Armaspray Method Statement.

## **Mixing and application**

The product is supplied in pre weighed kits, Part A Base and Part B hardener. Mix Part A and Part B thoroughly for at least three minutes. Use a mechanical mixer until homogenous. Do NOT thin or split packs.

Apply Armaspray in the first instance to all sharp edges, exterior weld areas, bolt areas, etc. before application of the first coat of Armaspray. Allow to dry (1-2 hours) before application of the first main coat.

Product may be applied by brush or spray. When spraying use a 68:1 airless spray machine, and a tip of appropriate size.

During application the steel substrate temperature must be at least +10°C and at least 3°C above the dew point. Humidity must be below 90%.

When applying the product, carry out regular wet film thickness checks with a film thickness comb to ensure even thickness. Ensure adequate ventilation of enclosed areas during application.

## **Precautions for Application**

Mixed density	1.2
Pot life at 30°C	40 min
Touch dry at 30°C	55 min
Overcoating time (30°)	4 hrs
Maximum humidity	90%

## **Thinning and Cleaning**

Clean tools and equipment with solvent based detergent approved.  
**DO NOT THIN THE PRODUCT.**

## **Storage**

Store in a cool place, well ventilated and away from direct sunlight and other sources of heat. Shelf life 12 months.

## **Pack size**

Armacoat Standard packing size.

## **Health and Safety**

Wear protective clothing and ensure adequate ventilation. Avoid contact with skin. Refer to material safety data sheet.

## **Contact Information**



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