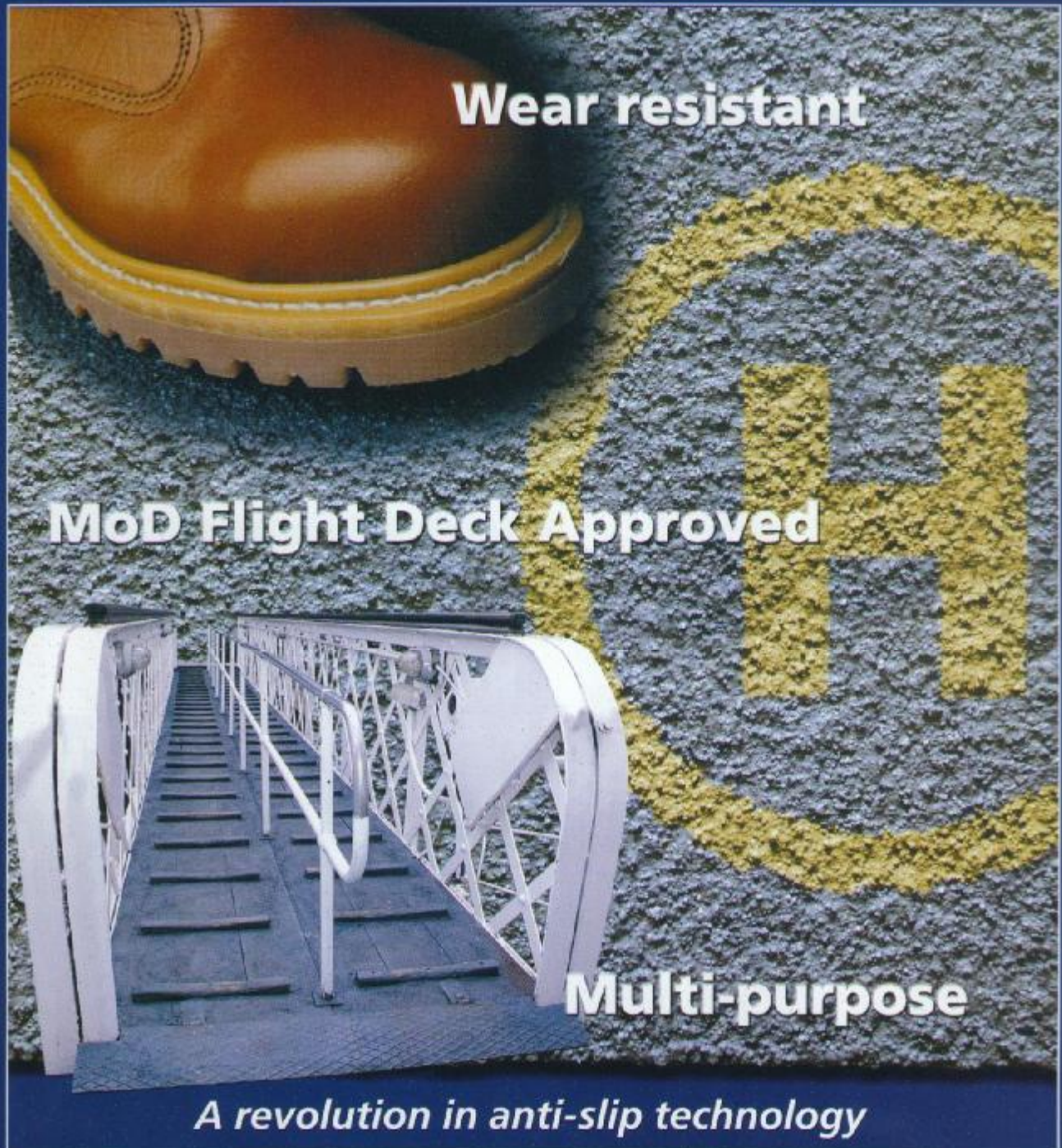




Jota Armour Anti-Slip



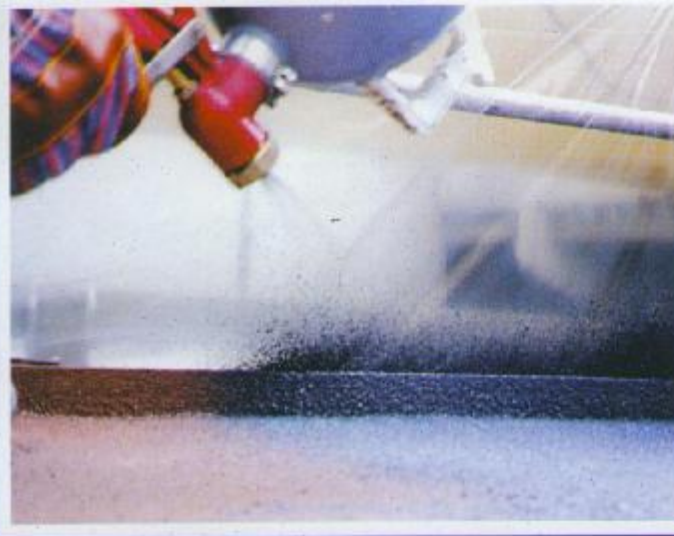
Wear resistant

MoD Flight Deck Approved

Multi-purpose

A revolution in anti-slip technology

Application made easy



Jota Armour has been specially formulated to enable application by the simplest of methods. There is no requirement for expensive application equipment or the need for extensive experience to apply this product. All you need to apply Jota Armour AS is a small air compressor (circa 3.5 bar), air hose and a Gravity Feed Hopper Gun for larger areas or stipple brush for smaller areas, keeping application costs to the minimum.

Jota Armour AS consists of three components supplied in a mixing drum ready for easy on site preparation. Following standard mechanical mixing of the components the Jota Armour screed is loaded into the hopper, mounted on top of the spray gun. By compressing the gun trigger the screed is fed into the air flow to form a consistent spray for even substrate coverage, as illustrated in the photograph opposite.

Technical Data

Surface Preparation

Jota Armour AS is a Surface Tolerant coating and can therefore be applied to power tool clean surfaces (min St. 2 - mill scale free ISO 8501-1:1988/SS 05 5900). Improved surface treatment will improve performance.

For areas exposed to an increased mechanical wear we recommend the MoD approved DEF-STAN 80-134 system:

Blast clean to SA2.5 (ISO 8501-1: 1988/SS 05 5900)

Coat 1: Jotamastic 87 Aluminium (Epoxy based coating)
@ 150 microns dft

Coat 2: Jota Armour Anti Slip @ 1000 microns dft

Application Range

Volume Solid = 92% +/- 2

Application Range	Typical Thickness	Surface dry	Thorough dry
750-3000 microns dft	1000 microns dft	4 hours*	10 hours*

* based on a substrate temperature of 23°C and well ventilated drying conditions

Various topcoats may be applied over Jota Armour to give required shade for non military specification or defence standard schemes.

Jotun's commitment to the environment

Jota Armour Anti Slip has a low solvent content, contains no isocyanate and has a low VOC level (Volatile Organic Compounds) - reduced health risks and environmental impact.



For more details consult with a Jotun Technical advisor:
Jotun - Henry Clark Ltd, 142 Minories, London EC3N 1LB

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Jota Armour – Anti-slip ● Wear resis

Case study: Institute of Master Mariners walkway



Coat 1: **Jotamastic 87** (Epoxy mastic)
+ 10% Thinners @150 microns dft
Coat 2: **Jota Armour AS** @ 1000 microns dft

'Using Jota Armour was a great solution – it was easy to apply and after a year of extremely hard wear and tear is still in excellent condition'

Martin Brownjohn,
Maintenance Engineer, HOS Wellington

The complete multi-purpose anti-slip solution

Jota Armour AS is a single coat, high build, surface tolerant epoxy based coating, formulated to contain a suspended blend of abrasion resistant, fused, aluminium oxide. When applied the coat gives a consistent, pre calculated rough texture which provides excellent anti slip properties in wet, dry and oily conditions.

Specifically designed to be applied as a one coat system Jota Armour AS is the perfect time efficient, low labour intensive product making it ideal for decks, loading ramps, walkways and other areas where long term shut down is either costly or impossible.

Jota Armour AS can be applied by simple to use, low cost equipment making it your total solution

Case study: Milford Haven Pilot Vessel Robert Hastie

Coat 1: **Jotamastic 87** (Epoxy mastic)
@200 microns dft
Coat 2: **Jota Armour AS** @ 1000 microns dft
Coat 3: **Hardtop AS** (Polyurethane) Green
@ 40 microns dft

'A non-slip deck is vital for the safety of pilots boarding and disembarking the vessel. We are very satisfied with the performance of Jotun's Jota Armour anti-slip coating'

Peter Taylor, Asst Haven Master

...Over a third of all major injuries reported each year are caused as a result of a slip or trip (the single most common cause of injuries at work). These cost employers over £300 million a year in lost production and other costs...

...There are approximately 50000 slip, trip or fall accidents reported to the Health and Safety Executive per year in the UK and around 10000 of these are accidents with disabling injuries...

...The Health and Safety at Work Act 1974 (HSWA) requires employers to ensure the health and safety of all employees and anyone who may be affected by their work. This includes taking steps to control slip and trip risks...

Extracts from the Health and Safety Executive report 'Prevent Slips, Trips and Falls at Work'

Get a grip!
Get Jota Armour AS

tant ● Anti-corrosive ● MoD Approved

DEF-STAN 80-134 Flight Deck Approved

Jota Armour anti slip has been independently tested to the vigorous standards required for approval under the Defence Standard 80-134 and has been granted 'Flight Deck' approval by the MoD for use on Royal Naval Vessels. To be granted DEF-STAN 80-134 approval eight test criteria must be met, and these were tested under laboratory conditions with complete success. See the table below for details of the tests

DEF-STAN 80-134 test results	
Property	Required standard
Scratch resistance Using a load test	No penetration of the film ✓
Resistance to ester lubricant Half test panel submerged in lubricant at 70°C	No blistering, softening, colour change or other defects ✓
Texture depth	Minimum texture depth 0.4–0.6mm ✓
Resistance to salt spray	No blistering or other defects ✓
Impact test	No cracking, loss of adhesion or other defects ✓
Resistance to artificial weathering	No blistering, cracking or loss of adhesion ✓
Wear	Loss of mass to be less than 5g from test plate (see below) ✓
Anti-slip properties	Coefficients of friction: Wet: greater than or equal to 0.7 ✓ Oily: greater than or equal to 0.3 ✓

Note: The wear test consists of a loaded metal plate being drawn back and forth in contact with the test plate at 37 cycles per minute. The wear blade is of mild steel to BS3900-part A3 2.1 and, for the purpose of the test, is loaded with a 5000g weight.

Case study: HMS Belfast



Gun Deck. System:

Coat 1: **Jotamastic 87** (Epoxy mastic)

@ 150 microns dft

Coat 2 - **Jota Armour AS**

@ 1000 microns dft

HMS Belfast, now a floating museum on the Thames in London, is visited by thousands each year. Maintaining the safety of both visitor and staff is of utmost importance, whilst still maintaining military standard.

