



**THE QUEEN'S AWARDS
FOR ENTERPRISE:
INNOVATION
2016**



*Protective & Marine Coatings
Europe, Middle East & Africa*

Welcome



I am delighted to announce that Sherwin-Williams Protective and Marine Coatings (EMEA) has achieved the UK's most prestigious business award;

The Queen's Award For Enterprise: Innovation 2016, for Dura-Plate™ 301W.

Dura-Plate™ 301W is a unique coating which needs minimal surface preparation, has excellent adhesion properties even on damp surfaces and can cure at 0°C. This product has extended the life of the painting season for the asset owner and maintenance contractor worldwide and in Europe particularly.

I am immensely proud of my team in the EMEA region who worked incredibly hard to develop this unique product which is unrivalled in the market place. The Queen's Award For Enterprise: Innovation 2016 is extremely hard to achieve with less than a quarter of those who enter receiving the accolade. An entry must show not only outstanding innovation but also commercial success for a period of not less than two years. It truly is an exceptional achievement that we have been given this award.

We will have the honour on the 14th July 2016 of meeting Her Majesty The Queen at Buckingham Palace to officially receive the award. The award will then return to the EMEA head office where we will celebrate this achievement with both the team and our customers.



Ian Walker,
Managing Director – EMEA

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Further information

Where to find the latest product updates...

Watch the video, read more on the technical attributes of Dura-Plate™ 301W at...

protectiveemea.sherwin-williams.com


SHERWIN-WILLIAMS. Protective & Marine Coatings Europe, Middle East & Africa

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Sherwin-Williams Protective & Marine Coatings EMEA has achieved the UK's most prestigious business award
The Queen's Award for Enterprise: Innovation 2016



The Queen's Awards is a programme for British businesses who excel at international trade, innovation or sustainable development.

They are the highest official awards for British businesses.

Dura-Plate™ 301W

Dura-Plate™ 301W is a unique coating unrivalled in the market place. It only needs minimal surface preparation, has excellent adhesion properties even on damp surfaces and can cure at 0°C.

This product has extended the life of the painting season for the asset owner and maintenance contractor worldwide.

Please take a look at the video, case study and sell sheet below.



An introduction to Dura-Plate 301W

Video



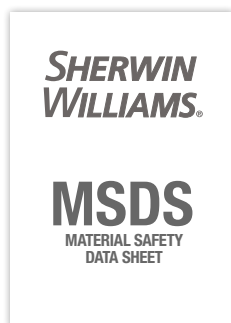
Information sheet

Datasheets



PDS
PRODUCT DATA SHEET

D301W



MSDS
MATERIAL SAFETY DATA SHEET

D301WA



MSDS
MATERIAL SAFETY DATA SHEET

D301WB

Customer Service/Sales Direct Line: +44 (0)1204 556 420

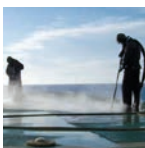
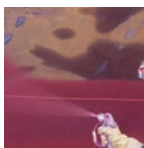
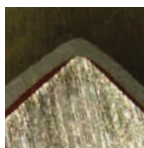
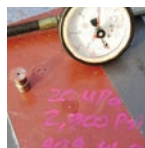
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SHERWIN-WILLIAMS. **Dura-Plate™ 301** Epoxy Systems

NOW
Cold Curing & Extended Recoatability

Surface and Humidity Tolerant Epoxy Technology
Dura-Plate™ 301 epoxy systems offer advanced technology to provide cost-effective solutions while providing outstanding durability and long-term performance. More than 15 million square metres of steel has been protected with Dura-Plate™ 301 systems worldwide, including offshore platforms, ships, steel bridges, refineries and tanks.

Designed for 25 year service life under offshore exposure

Premier technology over hydroblasted surfaces: Lower surface preparation costs compared to abrasive blasting. Environmentally responsible.

Environmental tolerance: No dew-point restrictions. Application over wet surfaces and flash rust.

Edge retention: Minimises strip cost and steel edge grinding costs.



Excellent adhesion: Pull-off adhesion to steel at high 25 MPa (3625 psi) means long term performance and resistance to low profile roughness.

Dura-Plate™ 301 is an excellent surface and humidity anti-corrosive epoxy, formulated for application over marginally prepared surfaces.

- Apply over wet surfaces
- Apply over flash rust (WJ2B) - (SPC V54)
- Can be applied over existing coatings
- Standard offset, brush or roller application
- Excellent adhesion - up to 25 MPa (3625 PSI)
- Curing down to 0°C (32°F)
- Up to 3 hours pot life (SPC D319)
- Saves time and labour costs
- Extends painting season
- Up to six months recoatability*

World's only IMO PSPC approval over UNP weather jetting and a zinc free shop primer

*301W solvent only

Product information

Product
focus
cont'd

Dura-Plate™ 301W

Surface and humidity tolerant epoxy

Dura-Plate™ 301W is a revolutionary and unique epoxy industrial coating which offers a combination of surface tolerance, high adhesion, humidity tolerance and cold curing features.

Its unique formulation is based on next generation phenalkamine technology which gives superior application performance and allows the user to paint over partially rusted surfaces, in damp conditions and at cold temperatures. This removes the need for extensive surface preparation of the substrate and reduces the impact of weather conditions on the painting season.

It is used to prevent corrosion on a wide variety of steel structures across the marine, energy and infrastructure (road/rail bridges) sectors.



Less waste

Its unique formulation and application performance allows the user to utilise ultra high pressure (UHP) water to clean off the substrate as the coating adheres to a damp surface. Therefore grit blasting (which can have a major environmental impact) does not have to be used e.g.

- waste paint often containing lead cannot be easily separated from the waste grit.
- waste grit volume is high and needs safe environmental disposal.

Utilisation of UHP water jetting typically generates <1kg/m² contaminated residues compared to 60kg/m² for abrasive grit blasting.



A business need

The harsh winter climates in northern Europe mean that the painting season is often shortened during the winter months and as temperatures plunge for long periods, the ability to re-coat and ensure important structural maintenance is carried out is often reduced.

Dura-Plate™ 301W has extended the life of the painting season for the asset owner and maintenance contractor worldwide and in Europe particularly.

Cost savings

It has been estimated that painting downtime can be reduced by 70%. Dura-Plate™ 301W brings customers the benefits of increased efficiencies and reduced overall project costs, key drivers in the energy/rail industry.

