



Qualified Performance.

QUALITY ASSURANCE FROM
PAINTED COIL SPECIALISTS.





next
generation
colourfast
steel.

For any further information please contact
our QA specialists at Nexteel™ on (08) 7078 0383.

Not just a pretty face.

The output of our superior product range starts with the Nexteel™ Continuous Quality Assurance Program.

The NextSTAR™ range is the only pre-painted steel to offer 30 years paint performance warranty – 10 years longer than the competitor product.

EXPERIENCED STAFF AND RIGOROUS PROCESSES

The Nexteel™ team has over 100 years combined experience; and at senior management and operational levels have worked for BlueScope, Hunter Douglas, One Steel, PCC Coil Coaters.

They have overseen the installation of state of the art QA equipment and reporting processes. Additionally, our products receive independent QA testing from an external partner.

NEXTEEL™ QUALITY MANAGEMENT SYSTEM

We have a fully audited and certified quality management system. We comply with the requirements of the appropriate Australian Standard and ensure that those in our supply chain have similar credentials.

PRODUCT CERTIFICATION

This gives the end user assurance that the pre-painted steel or aluminium supplied by Nexteel™ complies with the stated standard.

Tracing the steel to that represented on the Test Certificate is a vital step; we also ensure the unique identifier is visible on the product to complete the traceability process.

Our test certificates will confirm that the chemical analysis and mechanical property test results of the material comply with the slated standard.

We supply QA reports and coil certificates for full transparency and traceability of substrate and paint materials.



> Drill for film build check.

About our process:

**THE RAW COIL IS PURCHASED
TO AS1397: 2011 AUSTRALIAN STANDARD.**

Test certificates are available for each coil, which demonstrate Australian Standards are adhered to. Material is inspected on site, gauge and width checks are carried out and recorded at the paint line. Material is pre-treated and at that point tested to AS2728: 2013.

TESTING IS CARRIED OUT AS FOLLOWS:

> Mechanical testing:

Hardness – determines the paint film hardness of pre-painted products to determine the degree of paint curing achieved in the stoving process.

> Impact testing:

Measures both adhesion and flexibility.

> Bend testing:

Measures both flexibility and adhesion of the total paint system to the substrate. It also demonstrates:

- > The inherent flexibility of the paint system;
- > The quality of the pre-treatment on the substrate;
- > The curing of the paint

In this test a sample is bent back on itself a number of times to test the ability of the paint film to bridge spangle cracks.

> Double Rub Tests:

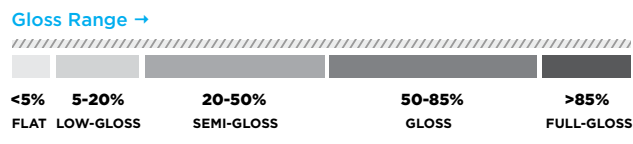
Carried out 50 times (1 rub = full stroke of around 300mm both forward and back to the start point). This checks the cure of the coating on the painted surface. If the paint is still stable after 50 rubs, it passes the test.

> Chemical Resistance:

Appearance Properties.

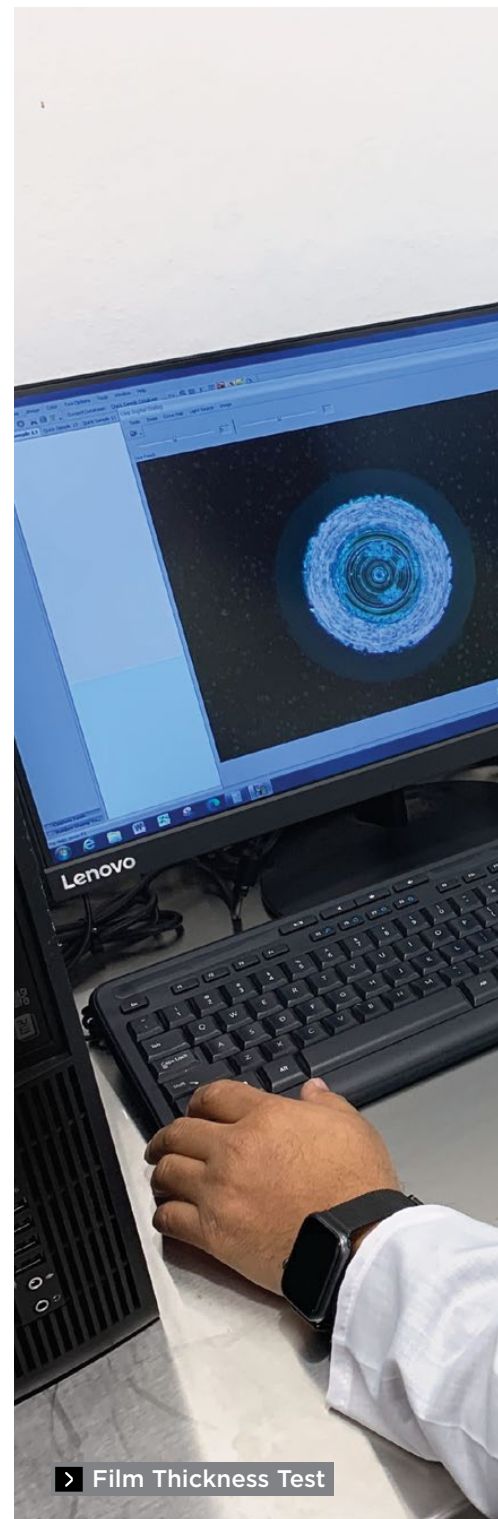
> Gloss:

Gloss is related to the way a surface reflects light. Gloss is measured by direct reading using a 60° gloss meter (the test is also referred to as the specular gloss measurement test). The terms 'gloss' and 'semi-gloss' are defined in Australian Standards by the specular gloss range:

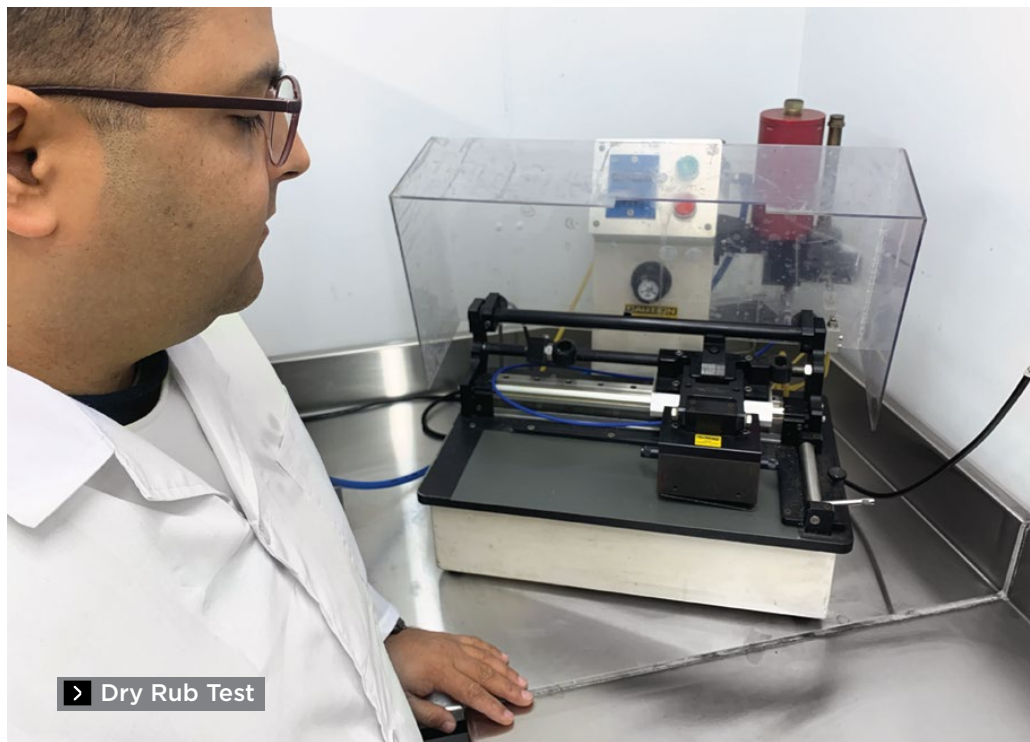




> Florescent Light Box Check



> Film Thickness Test



> Dry Rub Test



> Data Colour Test



**Painted Steel
Technologies Pty Ltd
trading as Nexteel™**

ABN 30 634 241 624

SA HEAD OFFICE

123 Greenhill Road
Unley SA 5061
T: +61 (0) 8 7078 0383

WA HEAD OFFICE

55b Hector Street
Osborne Park WA 6017
T: +61 (0) 8 9217 9011

MANUFACTURING

6 Sandpiper Close
Kooragang NSW 2304
T: +61 (0) 2 4920 1009

nexteel.com.au



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