

## BISPLATE<sup>®</sup> Identification Marking and Colour Coding

Bisalloy<sup>®</sup> Steels has a series of identification markings and colour codes to clearly identify the plate specifications and differentiate the grades from each other and other grades of steel. It is crucial that when plates are profiled that this identification is transferred to all off-cuts to prevent grade and size mixes.

**Grade identification stencils** - there are two grade id stencils on each plate located at opposite ends so that if plates are halved then each end remains identified. These stencils are colour matched to the grade colour coding.

**Plate identification stencils** - there are two plate id stencils on each plate located at opposite ends so that if plates are halved then each end remains identified.

For Domestic Orders

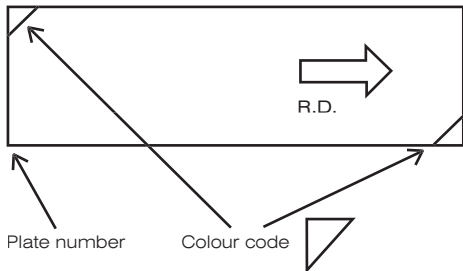
Customer Name Dimensions Plate Weight Grade Australian Standard (if applic.)
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For Export Orders

Customer Name Customer O/No. Dimensions Plate Weight Grade Plate Number
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Plates delivered via central stock will not have a customer name.

**Plate Corners** – two diagonal corners of the plate are coloured with the relevant grade colour code. One plate corner is hard stamped with the plate number.



### Grade Colour Code

BISPLATE® 60	- White
BISPLATE® 70	- Lime Green
BISPLATE® 80	- Pink
BISPLATE® 80PV	- Pink/Red
BISPLATE® 320	- Light Blue
BISPLATE® 400	- Orange
BISPLATE® 450	- Yellow
BISPLATE® 500	- Black

## Testing and Certification

### MECHANICAL TESTING

**Brinell Hardness Test** – Brinell hardness test is performed in accordance with the requirements of AS 1816 – 1990. All plates are individually hardness tested.

**Tensile Tests** – Structural steel grades only are tensile tested in accordance with the requirements of AS1391 – 1991 and these tensile tests are done on a batch basis, per requirement of AS 3597.

**Charpy V-Notch Impact Tests** – Structural steel grades only are impact tested. Charpy V-Notch tests are done on a batch basis, per requirement of AS 3597.

Standard test direction is longitudinal and standard test temperature is -20 deg C.

Tests conducted in accordance with AS 1544.2 – 1989 requirements