



# Application Guideline for Roofing and Cladding - South Africa

Version 2/2020



## Guideline for Product Selection: Zincal®

|                       | CX (100 - 400m)                                 | C5 (401 - 1000m)                                | C3-C4 (1 - 40km)  | C1-C2 (>40km)   |
|-----------------------|---|---|---|---|
|                       | <b>Extreme industrial, coastal and offshore</b> | <b>Industrial, coastal and aggressive areas</b> | <b>Light industrial, low levels of airborne pollution</b> | <b>Urban, rural, low levels of airborne pollution</b> |
| <b>Zincal® AZ 200</b> | Recommended (Cut edge to be sealed)             | Recommended                                     | Recommended   | Recommended   |
| <b>Zincal® AZ 150</b> | Not Recommended                                 | Recommended (No exposed bottom surface)         | Recommended   | Recommended   |
| <b>Zincal® AZ 100</b> | Not Recommended                                 | Not Recommended                                 | Recommended   | Recommended   |



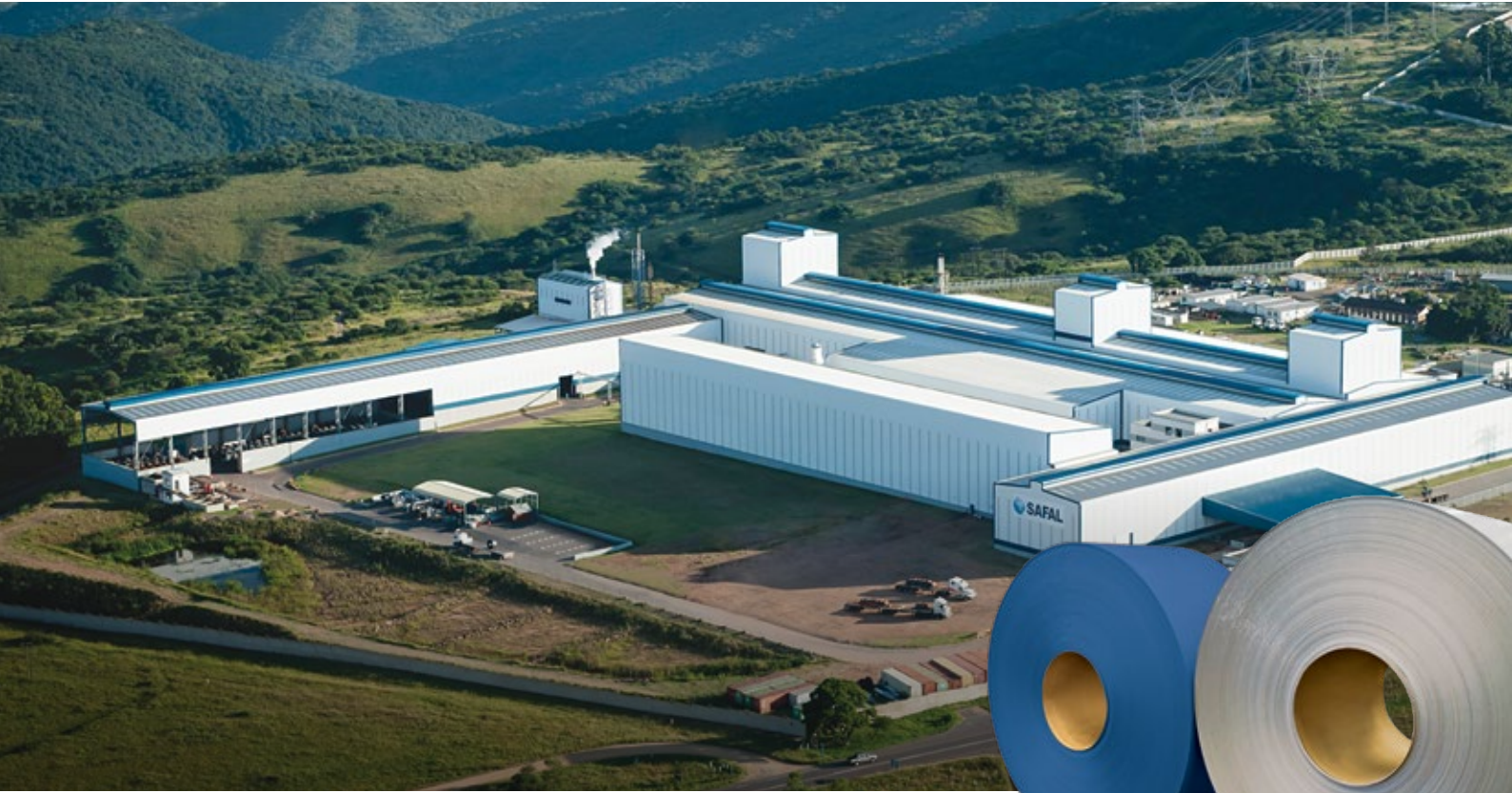
## Guideline for Product Selection: ColorPlus®

|                          | CX (100 - 400m)                                 | C5 (401 - 1000m)                                | C3-C4 (1 - 40km)  | C1-C2 (>40km)   |
|--------------------------|---|---|---|---|
|                          | <b>Extreme industrial, coastal and offshore</b> | <b>Industrial, coastal and aggressive areas</b> | <b>Light industrial, low levels of airborne pollution</b> | <b>Urban, rural, low levels of airborne pollution</b> |
| <b>ColorPlus® AZ 200</b> | Recommended (Cut edge to be sealed)             | Recommended                                     | Recommended   | Recommended   |
| <b>ColorPlus® AZ 150</b> | Not Recommended                                 | Recommended (No exposed bottom surface)         | Recommended   | Recommended   |
| <b>ColorPlus® AZ 100</b> | Not Recommended                                 | Not Recommended                                 | Recommended   | Recommended   |

\* Provisional Warranty recommended on Projects: < 1km from ocean, excluded from C1-C5 corrosion zones/highly corrosive, > 500m<sup>2</sup> or outside South African borders

\* All **Safal Steel** Prime material is branded on the backing coat – insist on **Safal Steel** material

\* For any technical queries please contact **Safal Steel** and ask for the representative in your area Tel: 031 782 5500



# Our World-Class Coated Steel is Building Africa with Pride



**Safal Steel** is the sole manufacturer of Aluminium-Zinc coated steel coils in Southern Africa. The coating on our steel is the most widely used alloy worldwide to deliver extended service life to steel, and offers excellent thermal efficiency. Our metallic finish material is sold as **Zincal**<sup>®</sup> and our factory pre-painted **Zincal**<sup>®</sup> is sold as **Colorplus**<sup>®</sup> and **Optima**<sup>®</sup>.



**Safal Steel** supplies a world-class product, made with South African talent, to local and global markets. Our manufacturing processes are also amongst the greenest of any steel producers in Africa - air emissions and water usage are minimised, and up to 95% of all waste produced (including steel) is recycled. And the factory in KwaZulu-Natal brings new skills and employment to the local area. These are just some of the ways in which we are **Building Africa with Pride**.



[www.safalsteel.co.za](http://www.safalsteel.co.za) | Proudly South African Manufacturers | Old Main Rd (R103), Cato Ridge, 3680, South Africa | 031 782 5500

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