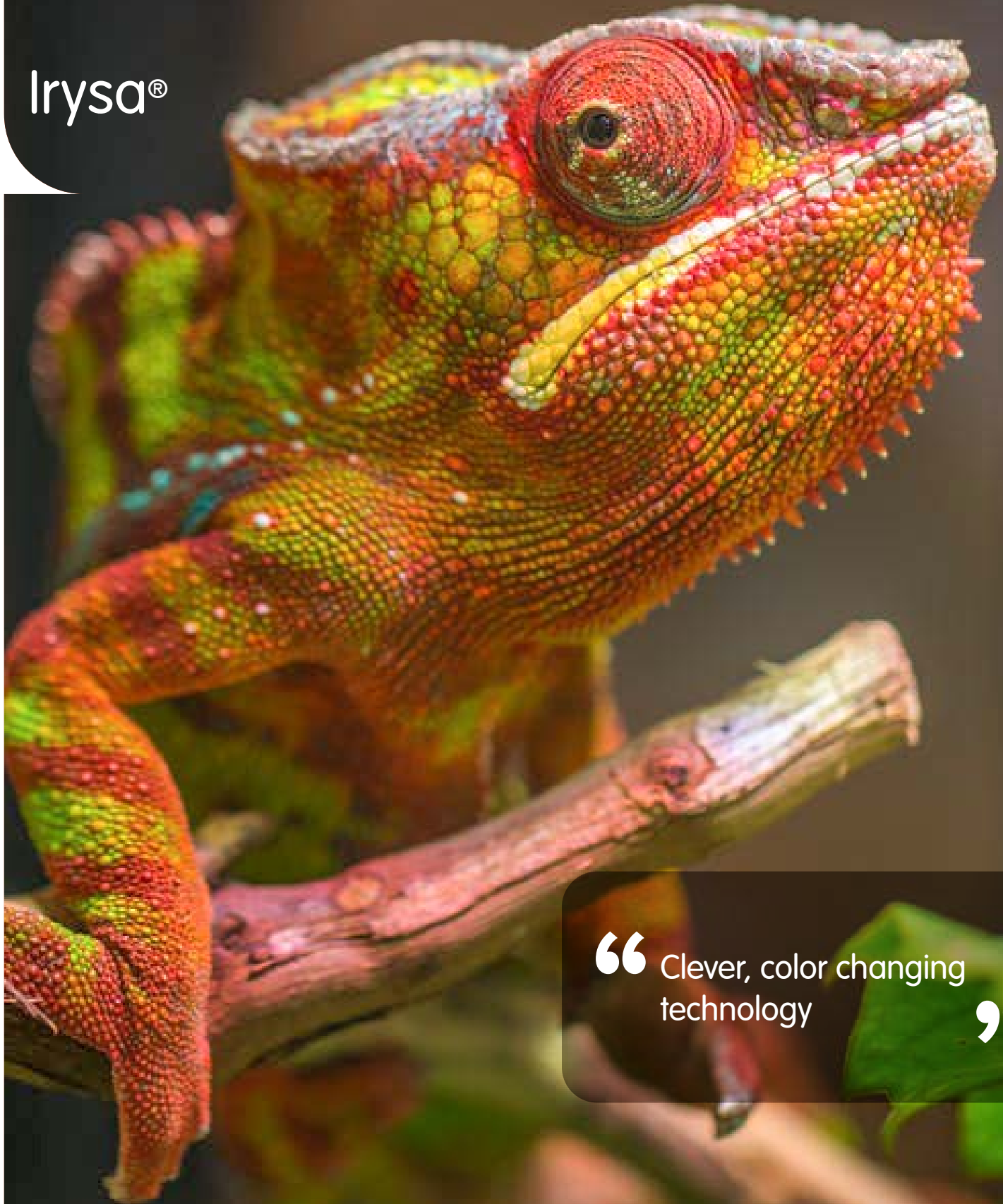




Irysa®



“ Clever, color changing technology

”

# Irysa® - changing the way you see color

Some of our most iconic wildlife creatures owe their distinctive coloring to the optical phenomenon known as iridescence. They appear to change color as they move or if we look at them from a different angle because of the way that light plays upon the textures on the surface of their bodies.

It gives them their unique appearance and alternately helps them to both stand out and blend in.

Designers and architects have long taking inspiration from the natural world to create and use color in clever and imaginative ways. Now, thanks to modern coloring technologies, they can harness the phenomenon of iridescence as well.

ArcelorMittal Construction is launching a new range of colors on prepainted steel which are based on pigments which react to light in a similar way.

## Coating Properties

### Composition

Thermosetting high durability polyester resin

### Abrasion resistance

Sand blasting: 40 liters  
Taber: 60 mg

### Flexibility and adhesion

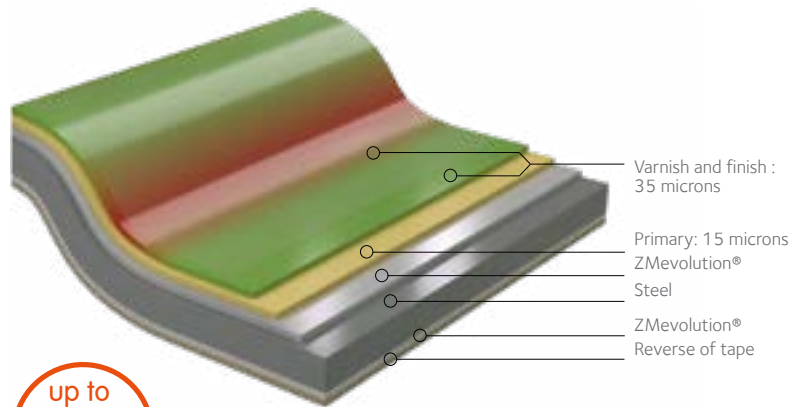
No peeling and no cracking at 2T

### Corrosion resistance

Salt spray test: 500h  
Humidity test: 1500h  
RC4 category

### Color and gloss

Resistance to UV: Delta E ≤ 2  
Gloss retention ≥ 80%  
RUV4 category

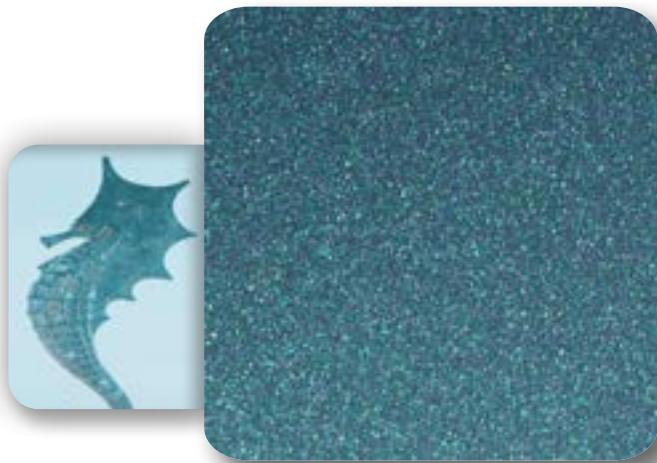


The clear coat is composed of mica particles coated with metallic oxides which have the effect of modifying the reflection and diffraction of light on the surface. Variations in the type and thickness of the oxides allows for variations in the colors when the viewing angle changes.

Our Irysa® range brings together a family of innovative, iridescent shades developed across our entire range of profiles, cassettes and panels based on prepainted galvanized steel.

Discover our new Irysa® shades: Ippokamp 77NB, Octopus 79GP, Lykos 77FD, Isatis 79WG.

There may be shade variations between different lots, so please ensure that all the material for the whole building (or façade) is ordered at the same time. Please note that façade and accessory colors will appear different depending on the angle that they are installed. This must be taken into account during building design.



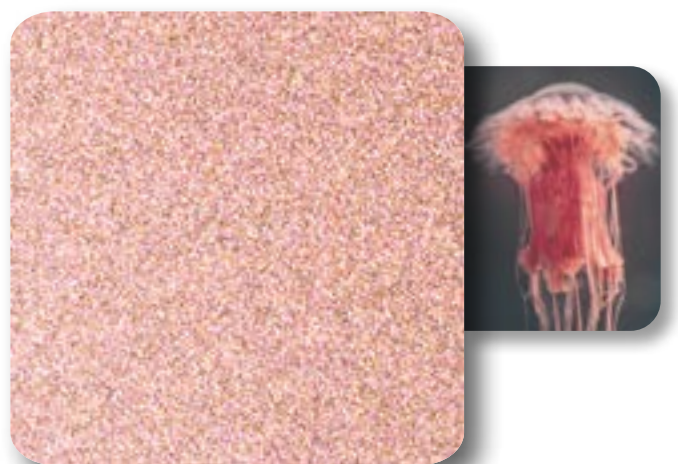
Ippokamp 77NB



Isatis 79WG



Lykos 77FD



Octopus 79GP



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## Inventing smarter steels for a better world