



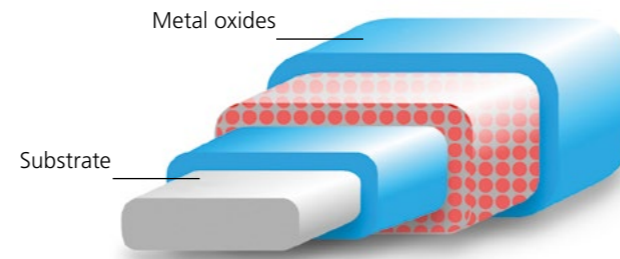
**LUXAN CFX B842 Immersion Red &
LUXAN CFX C842 Spotlight Red**
Setting the Bar: Redefine Red Effect
Pigment Standards

NEW SPACER PIGMENT – CROSS SECTION

Optical boost with ECKART's patented Spacer technology

With both products, customers benefit from ECKART's patented "Spacer technology": a new coating technology that lend the pigments their optical advantages.

Periodically arranged nano cavities form an entire layer between the coated metal oxides. Since the intermediate cavities surround the pigment and are aligned parallel to the substrate, the spacer layer ensures an ideally aligned interaction with the light.



Spacer = periodic-like nanostructures of cavities

For more information, read the White Paper of the European Coatings Journal:



YOUR BENEFITS WITH BOTH PIGMENTS

- ✓ **COLOR PURITY** thanks to the ECKART Spacer technology: no drift into other color spaces.
- ✓ **DIVING EFFECT**: ultra deep sparkle for 3D appearance of your application
- ✓ **SPECTACULAR FINISHES** in both low and high pigment concentrations
- ✓ **COLOR INTERACTION** for the basic color tone (e. g. black, red, blue, yellow)

Both effect pigments can seamlessly integrate into waterborne, solvent-borne, and UV-based systems, offering outstanding application characteristics.

The entire LUXAN product family is known for its high chemical, weather, heat, and shear stability. Both **LUXAN CFX B842 Immersion Red** and **LUXAN CFX C842 Spotlight Red** variants exhibit no EMI shielding and boast high radar transparency.



Luxan® LUXAN CFX B842 Immersion Red

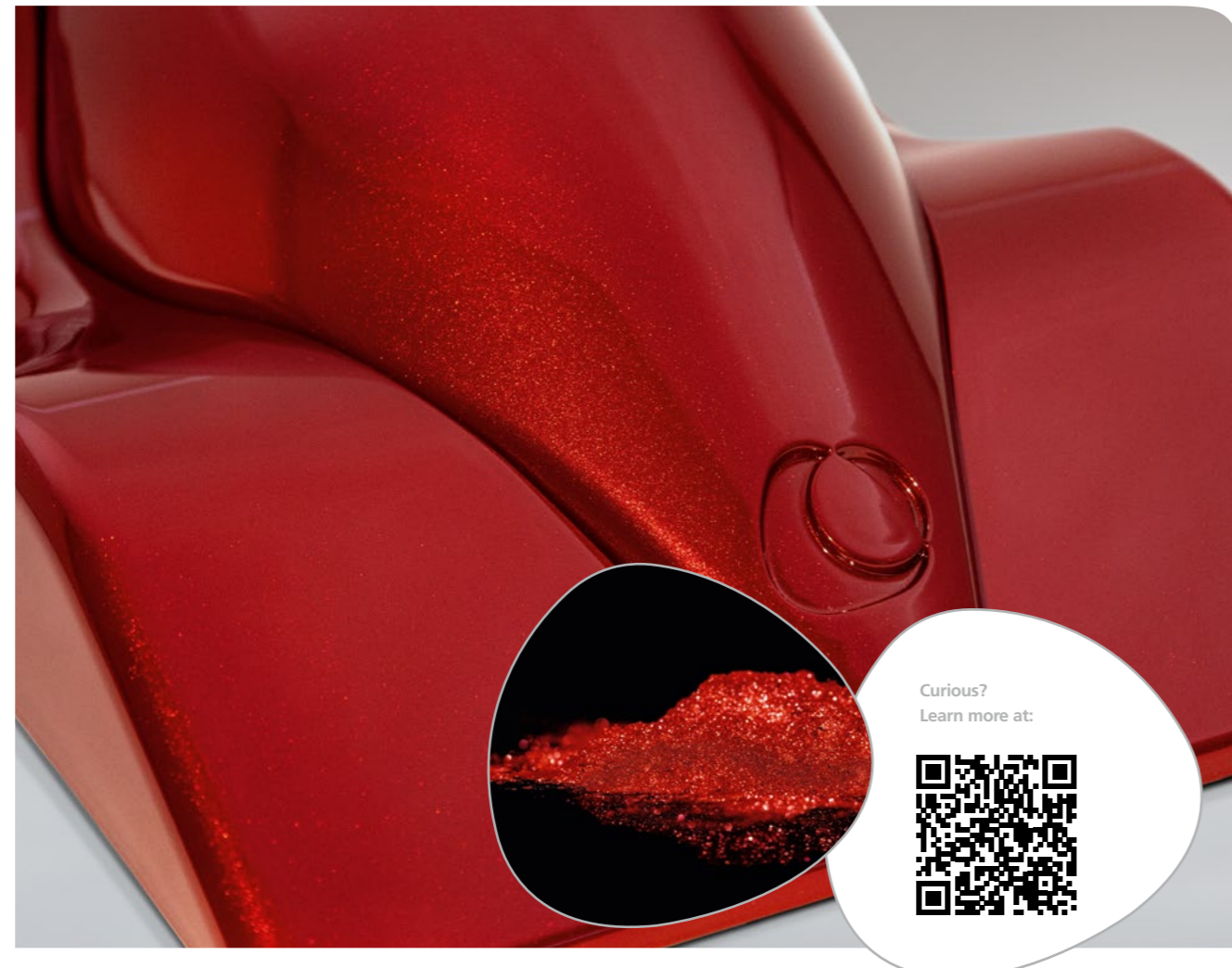
PURE RED BRILLIANCE – FROM EVERY PERSPECTIVE!

LUXAN CFX B842 Immersion Red boasts an authentic and consistently vibrant shade of red, distinct from conventional earth-tone pearlescent pigments that tend to veer into brownish hues.

LUXAN CFX B842 Immersion Red offers a more even flow of the clearcoat, a lower graininess and a more subtle effect. The potential of this effect pigment extends beyond red color shades: It seamlessly integrates red highlights into all basic color shades.

LUXAN CFX B842 Immersion Red is exclusively available in a stabilized, highly weather and chemical resistant CFX version.

Physical properties	CFX B842 Immersion Red	Unit	Method
Particle size distribution	5 – 45	µm	DIN 66137
Density	3.1	g/cm³	EN ISO 60
Bulk density	0.7	g/cm³	ISO 13320-1



Luxan® CFX C842 Spotlight Red

POWERFUL RED SPOTLIGHTS WITH A THREE-DIMENSIONAL EFFECT

This incredibly strong, three-dimensional depth appearance and the surprisingly flashing, intense red: **LUXAN CFX C842 Spotlight Red** is a real eyecatcher! The incident light acts as a spotlight and brings the color-strong sparkle of **LUXAN CFX C842 Spotlight Red** into focus, which reflects the light in an impressive way.

For indoor use and decorative purposes, we recommend our unstabilized version: **LUXAN C842 Spotlight Red**.

Physical properties	LUXAN CFX C842 Spotlight Red	Unit	Method
Particle size distribution	10 – 65	µm	ISO 13320-1
Density	3.1	g/cm³	DIN 66137
Bulk density	0.5	g/cm³	EN ISO 60





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