

# Alesta<sup>®</sup> BioCore<sup>™</sup>

Biobased powder coatings for metal substrates





## ISCC mission & objectives

ISCC's mission is to use certification as a tool to reduce GHG emissions and establish sustainable production with fully traceable supply chains from the origin to the final user.

- Implementation of zero-deforestation
- Protection of land with high biodiversity value and high carbon stock
- Protection of soil, water and air
- Compliance with human, labour and land rights
- Measurement and reduction of greenhouse gas emissions
- Traceability throughout supply chains

For more information visit [www.iscc-system.org](http://www.iscc-system.org)



Alesta<sup>®</sup> BioCore<sup>™</sup>,  
the world's first  
ISCC Plus certified,  
biobased powder  
coating technology.

## ISCC certification

ISCC is a globally applicable sustainability certification system and covers all sustainable feedstocks, including agricultural and forestry biomass, biogenic wastes and residues, circular materials and renewables. It's ISCC's mission to use certification as a tool to reduce GHG emissions and establish sustainable production with fully traceable supply chains from the origin to the final user. This shall be achieved by implementing social, economic and environmental criteria.

# Alesta® BioCore™ can reduce on average up to 25% of CO<sub>2</sub> emissions

## We tackle the core of sustainability

### Introducing Alesta® BioCore™:

Are you ready to embrace a greener, more sustainable future?

Alesta® BioCore™ is leading the way in the paint industry by acquiring the prestigious ISCC Plus certificate, setting a new standard for environmentally conscious manufacturing.

### Our mission is clear

We innovate with purpose to drive change and are committed to reducing our carbon footprint while helping our customers and partners do the same. Our objectives involve bringing the first biobased products to the European

market, setting the stage for a more sustainable future in the industry, and not only reducing our own CO<sub>2</sub> emissions but also supporting our customers and partners in their efforts to minimise their environmental impact.

### Sustainability matters

At Axalta, we believe that sustainability is not just a buzzword – it's a way of life. By focusing on our sustainability goals, we are working towards a 50% absolute reduction in scope 1 and 2. With Alesta® BioCore™ we anticipate the future and even focus on scope 3.

### Sustainability, Together

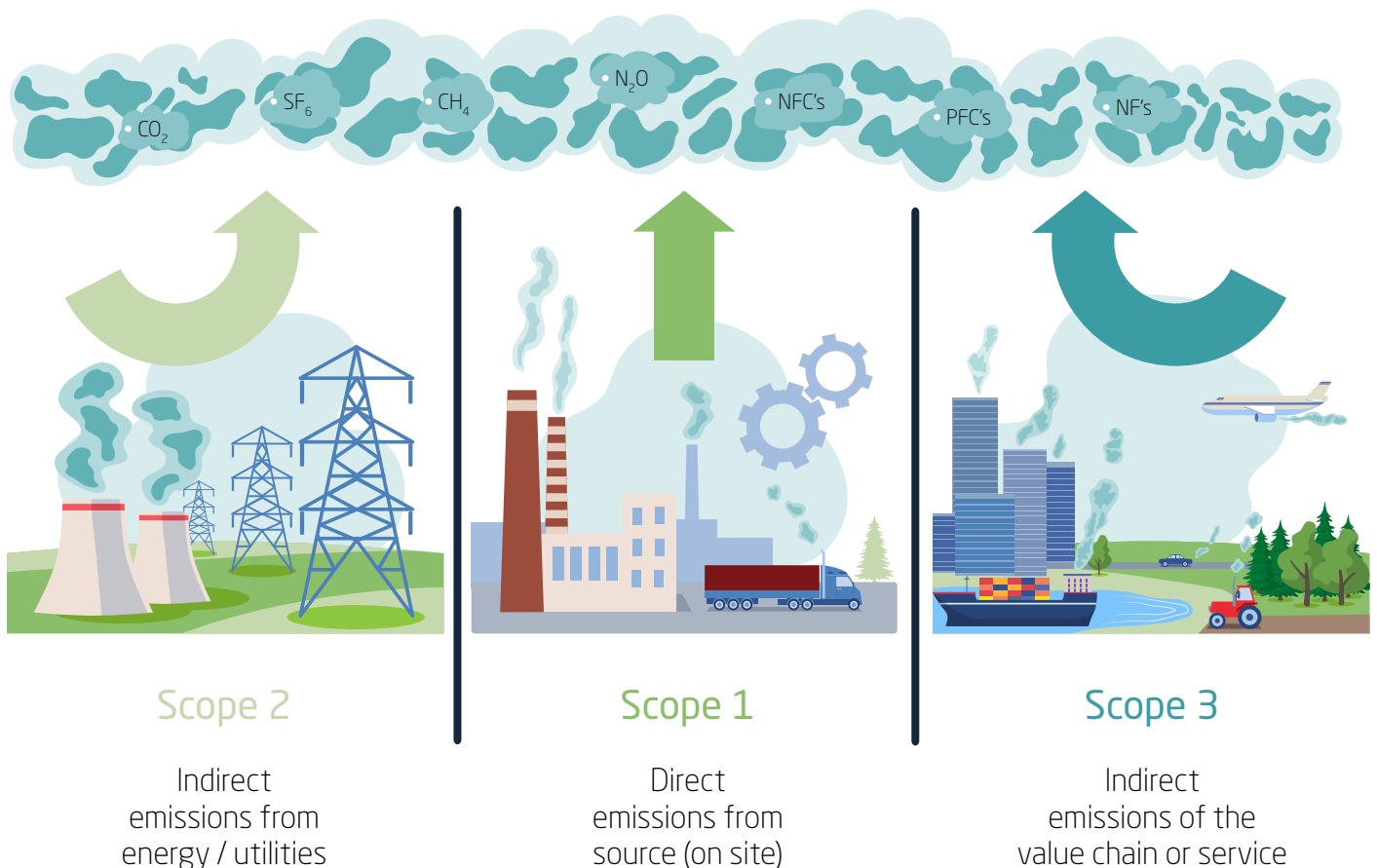
We are addressing a wide range of topics, all aligned with our sustainability goals. From innovative paint solutions to eco-friendly practices, we are dedicated to making a positive impact on our planet.

For more information visit:

[www.axalta.com/sustainabilitytogether](http://www.axalta.com/sustainabilitytogether)

### Join us on our journey towards a more sustainable future

Choose Alesta® BioCore™, where innovation meets purpose, and together, we can paint a greener world.



Alesta® BioCore™ is the ideal solution for our partners:

- Seeking to reduce their environmental impact and CO<sub>2</sub> emissions.
- Committed to environmentally friendly materials that reduce their building and design's environmental footprint.
- Prioritising sustainability in their manufacturing processes.
- Embracing green practices for a more sustainable future.
- Looking for innovative, eco-conscious solutions to build a better tomorrow.

[www.axalta.com/biocore](http://www.axalta.com/biocore)





## Adding a sustainable core to our renowned product qualities

### **Alesta® SD BioCore™** **Architectural SuperDurable**

A range of super durable, biobased powder coatings formulated with high performance exterior grade pigments of the highest quality.

- Premium weather- and UV-resistant coating for the sunniest environments
- Qualicoat Class II
- GSB Florida 3 (Master)
- AAMA 2604
- Supported by a warranty of up to 25 years

Fields of application:

- Aluminium curtain walls for prestigious buildings.
- Doors, window frames, cladding and other parts in architecture and construction
- Buildings in severe environments
- Urban & garden furniture
- Shop fittings
- Lighting

Can also be used for other general industrial applications where the gloss retention and colour fastness are very important.

### **Alesta® AP BioCore™** **Architectural**

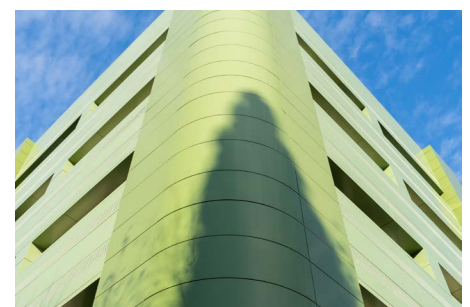
A range of standard durability, biobased powder coatings formulated with high quality exterior grade pigments.

- Qualicoat Class I
- GSB Florida 1 (Standard)
- AAMA 2603
- Supported by a warranty

Fields of application:

- Outdoor architectural substrates aluminium profiles and sheets
- Steel or galvanised steel for cladding; verandas, doors, window frames
- In- & outdoor furniture

Can also be used for the protection and decoration indoors.



### **Alesta® IP BioCore™** **Industrial**

Alesta® IP is a range of biobased powder coatings for outdoor industrial applications.

- Good weather resistance
- Very good flexibility and mechanical properties for excellent outdoor durability
- Excellent reactivity and very good flow

Fields of application:

- Decorate and protect industrial metal pieces outdoors and indoors



Alesta® BioCore™ is a biobased formulation that can be utilised to create sustainable alternatives, partially replacing traditional polyester resins in both standard and super-durable powder coatings.

## Alesta® BioCore™ powder coatings enable, on average, a CO<sub>2</sub> emissions reduction of 25%

Axalta earned ISCC Plus following a thorough third-party audit of its supply chain and production processes, which validated its ability to successfully produce a selection of its coating formulations using biobased resins.

Such solutions are identical to incumbent polyester resins derived from fossil fuels in terms of quality and properties but enable, on average, a CO<sub>2</sub> emissions reduction of 25%, accounting for small variances between coating types. This allows environmentally conscious decision makers within industrial markets to access coatings solutions from sustainable and fully traceable sources.

The use of biobased solutions, which come from **non-food organic waste** and contain significantly lower levels of embodied carbon, offers the cheapest and fastest path for customers to reduce scope 3 emissions, making them particularly attractive when reporting on scope three emissions becomes mandatory within the next few years.



For more information on Alesta® BioCore™ visit [www.axalta.com/biocore](http://www.axalta.com/biocore)

For questions please contact  
your local sales office.



[WWW.POWDER.AXALTACS.COM](http://WWW.POWDER.AXALTACS.COM)

Further information about Alesta® BioCore  
visit [www.axalta.com/biocore](http://www.axalta.com/biocore)