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deko

innovative nonstick systems

ITALIAN TECHNOLOGY

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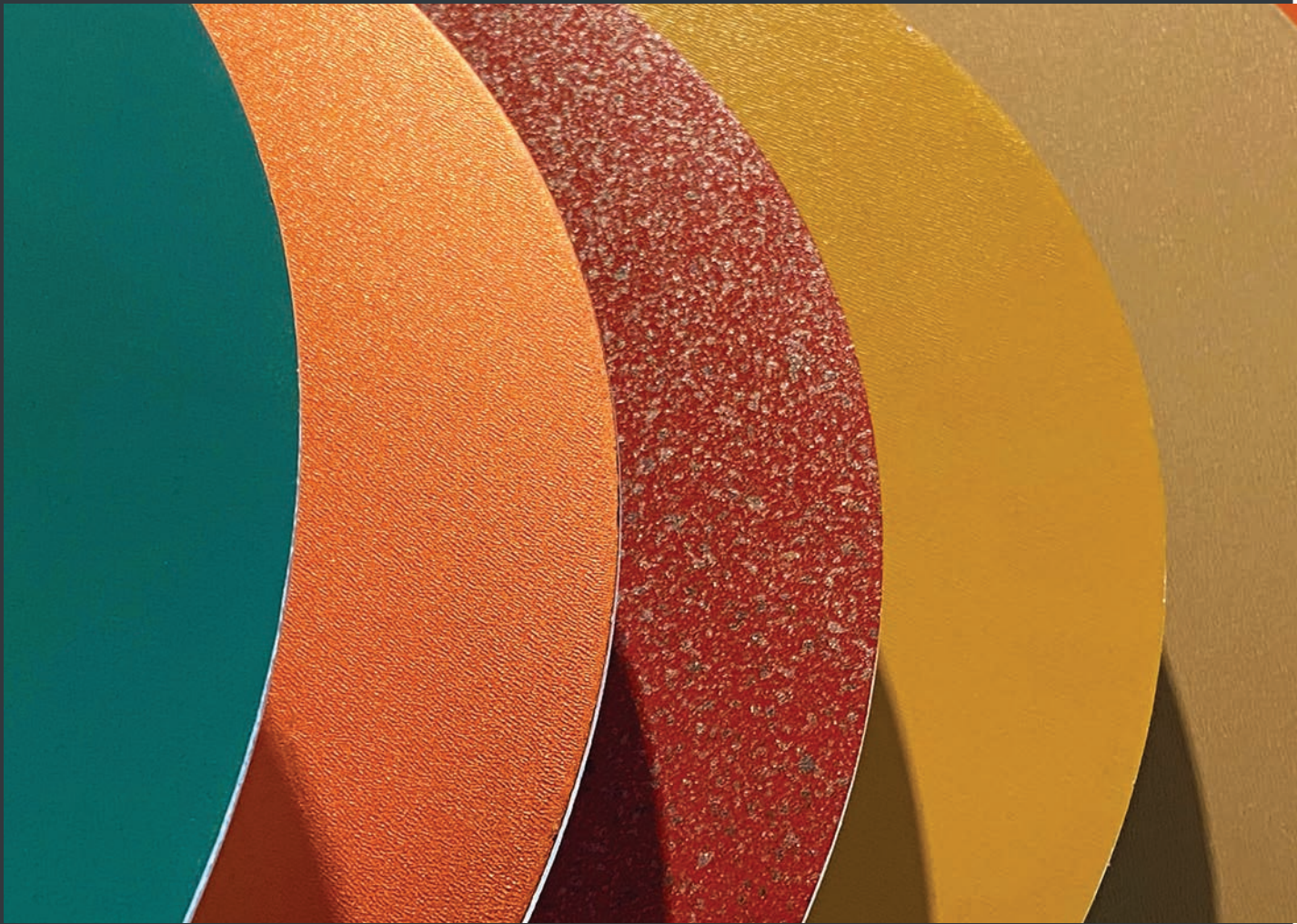
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Welcome to Deko!





We are excited to tell you more about our family. With a storied history of over 40 years in developing and creating unique coatings – all formulated and designed in Italy. Deko is constantly striving to produce the best coatings by offering expertise, quality, and innovation. With our brands DEKO COOKWARE and DEKO INDUSTRY we are creating solutions for the cookware market and also several industrial markets.



perform



Our mission is to bring the Italian know-how, acquired over 40 years of experience and research, to consumers all over the world, by offering the safest and best-performing coatings on the market.

We aim to create the highest quality products through responsible production towards the consumer, the employees, and the environment.

How do we achieve this? By subjecting our coatings to the most stringent tests, by constantly expanding our R&D department, by investing in our employees, and by providing targeted and specialized support services.

**Mission: know-how,
performance, responsibility**

40 years experience

1983

Deko began its history in 1983 when Pierino Brunelli started the production of nonstick coatings.

1999

In 1999, it is acquired by Akzo Nobel.

1986

Pierino Brunelli founded Lambda, a company focused on innovating methods and materials in the field of cookware coatings.

Lambda quickly became one of the world's leading manufacturers of nonstick with an annual production of 4,000 tons of coatings. The company expanded in Italy and also in the American and South-East Asian markets.

2004

Pierino Brunelli decided to set up a new company in 2004, and Deko was founded in a small building in the Piacenza countryside.

years of development, erience and creativity

2009

Deko needed to move to a larger location because of its constant business growth. The company, therefore, moved to a 5577 sq ft building in Senna Lodigiana, where it is still located.

2018

At the beginning of 2018, Equilybra Holding Italiana acquired control of Deko, strengthening its structure.

2016

Thanks to continuous research and a team of qualified Chemists, Deko has acquired several important Italian and foreign customers, increasingly gaining an international profile.

In 2016, Deko expanded its production area to 14436 sq ft, more than doubling the space dedicated to its labs to continue its research activities.

2020

During 2020, the company made investments in new production assets, implemented the product catalog, and renewed its brand strategy.

Company Values



1. Innovation

We believe and heavily invest in research to create 100% made in Italy coatings with the highest performance in total respect of the environment.



2. Flexibility

We are organized to answer all our clients' needs quickly and accurately. We customize our products by offering tailor-made solutions.



3. Communication

We offer the best purchasing experience, making the client interact with a highly trained team of Deko technicians during the product definition phase



4. Expertise

We leverage our forty-years' experience in the coating sector designing high-performing quality products.



5. Team

We constantly invest in our employees, as they are the most valuable resource of our company.



6. Customer Centric

We always try our best to understand their customers' needs and to develop the most suitable and technologically advanced products for them.





Corporate Responsibility

We prioritize employee safety and environmental respect to provide our customers with safe and high performance coatings.



bility

Here is how we put it into practice:

SAFE COATINGS

Deko coatings are made without PFOA and Gen-X. We only work with trusted suppliers who meet the company's quality standards in compliance with food contact regulations. Deko also produces cookware coatings that are completely free of heavy metals such as cadmium and nickel. This protects not only the customer but also the employees involved in the coating production process.

HIGH-PERFORMANCE COATINGS

We aim to provide our customers with the best coatings. It is, therefore, our responsibility to work together with the most skilled chemists and to subject our products to the most stringent tests to ensure the highest performance on the market.

INNOVATIVE PAINTS

Our R&D team succeeded in creating high performing water-based coatings. These coatings provide environmental advantages in terms of plant cleaning, as no solvents are needed to clean the production facilities, but only a small amount of water. The low environmental impact of these innovative water base coatings with low VOC emissions is undisputed.

CORPORATE WELFARE

The company takes care of its employees and partners. Deko firmly believes that its greatest asset is the functional teams within the company. That is why it invests in education and training on an ongoing basis, stimulating research and promoting the professional growth of each individual. Deko is also committed to providing completely safe workplaces and fair conditions for all employees and associates who work for Deko and are involved in the coatings production chain.

RESPONSIBLE PRODUCTION

We strongly believe in clean, waste-free production, using materials that are safe for the consumer and not harmful to the environment. Thanks to investments aimed at reducing environmental impact the waste, accumulated as a result of production processes, is already close to zero.





UNITED STATES

MEXICO

BRAZIL

ITALY



Deko in the world

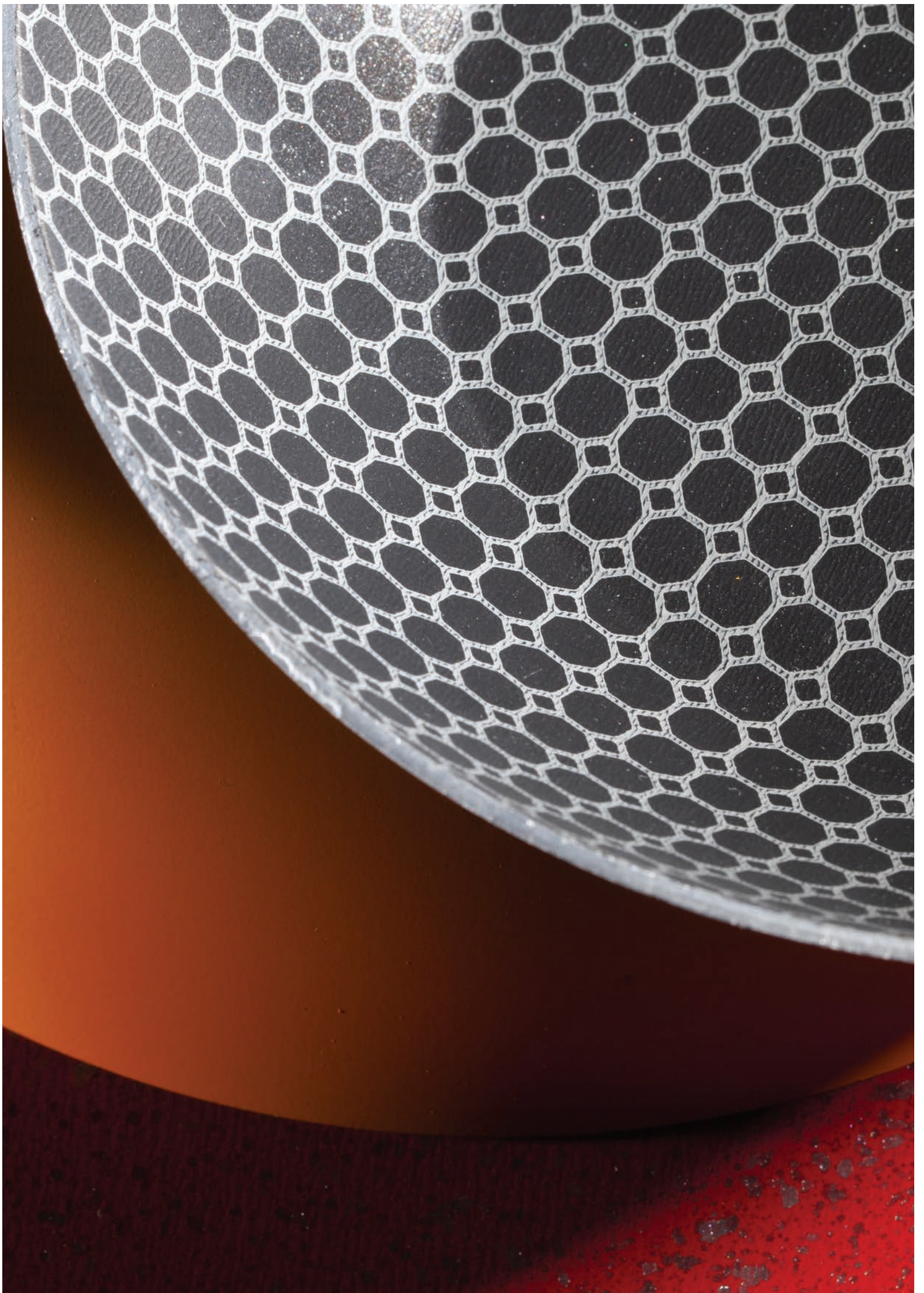


Cookware

Deko has developed a forty-year experience in studying and creating non-stick coatings for the cookware market, growing a specialized and competent know-how.

The company manufactures systems both for roller and spray applications, formulating systems for internal and external applications. To complete Deko's product portfolio, the company can provide silk and pad printing inks, to ensure every product can be unique and customized.

According to the company's values of flexibility and tailoring, Deko has designed multiple performance levels to be able to offer its clients the best systems according to their needs. To complete Deko's offering you can count on competence and a customer-centric approach, aspects appreciated by customers all over the world, making Deko a global leader in non-stick systems.





Deko

Coating Families

Deko creates coatings that honor quality, performance, safety and sustainability. Our families of coatings offer something for any product applications, all while keeping the selection process simple and focused.

All Deko coatings are:

- Made without PFOA, GenX, and heavy metals such as cadmium and nickel;
- Made in compliance of FDA, Prop 65 and EU Regulations;
- Available in a variety of colours and effects;
- Customizable, fully embracing the company's longstanding philosophy of giving their customers the ability to create their unique products in line with current trends.



ROLLER APPLICATION

Roller coating is a process by which PTFE-based coatings can be applied to aluminum discs to provide the substrate with non-stick properties. The adoption of new resins, fully developed in our laboratories, has made Deko a current leading manufacturer of external coatings in the cookware industry.



SPRAY APPLICATION

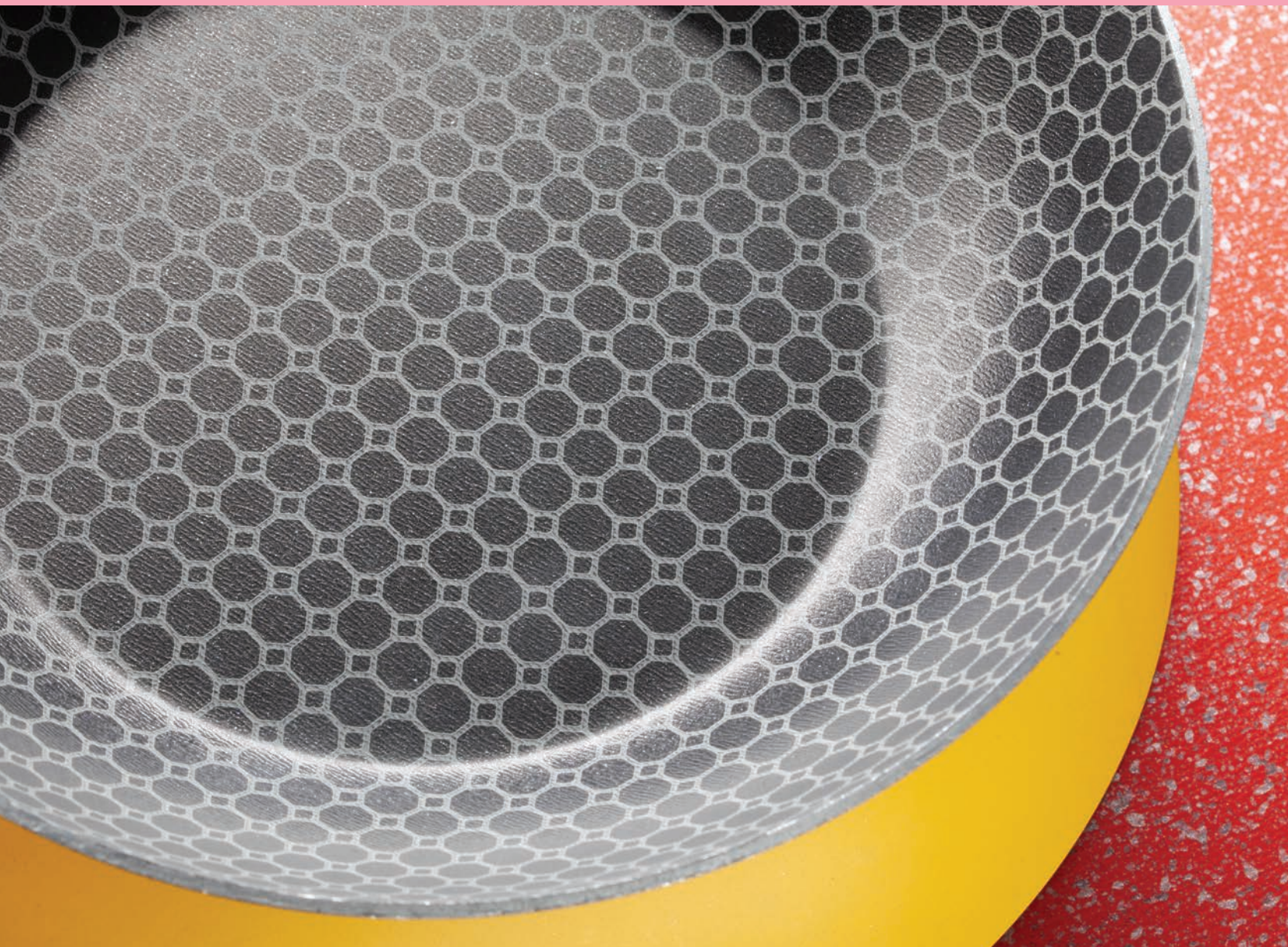
Deko spray coatings are formulated with quality components that provide features such as heat resistance, chemical inertia, non-stick, anti-friction, hot hardness, and abrasion resistance, guaranteeing their suitability for direct or indirect food contact in compliance with the current regulations. Deko spray coatings can be used for both internal and external applications on manufactured goods.



INKS: SILK PRINTING AND PAD PRINTING

Deko Inks are created to be used in the printing of patterns, decorations, and aesthetic marks. Thanks to the ongoing evolution of this technology, DEKO is now able to offer the market increasingly attractive products. In addition to conventional silk printings based on oven-hardened resins, DEKO's range of inks also includes the latest UV-hardened silk prints for multi-color inline decorations.





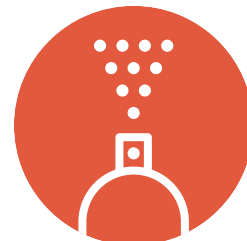
EFFECTS

Deko can create unique finishes and effects in all coating systems roller and spray, external and internal. We can custom create colors, metallic finishes and other unique effects.





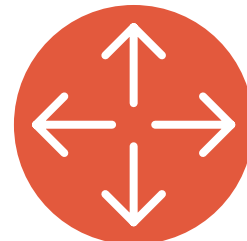
Spray
Coating



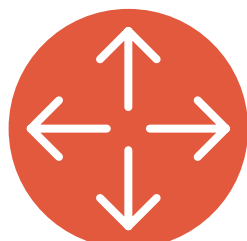
Spray
Coating



Roller
Coating



External
Application



External
Application



Internal
Application

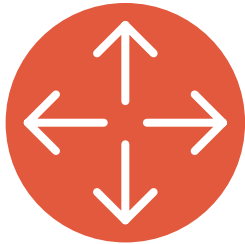
Cookware Coatings Overview



Roller
Coating



Spray
Coating



External
Application



Roller
Coating



Internal
Application



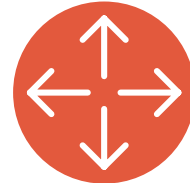
Internal
Application



Spray
Coating



Roller
Coating



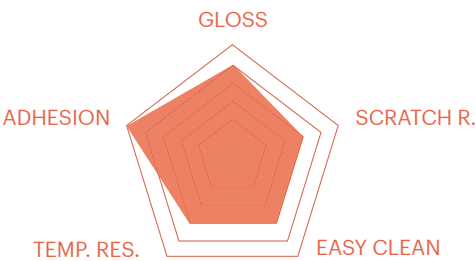
External
Application

Natura coatings is another advancement by Deko in exterior decorative finishes. Natura is designed and formulated with a focus on total respect for the environment. The 80% water-based system decreases VOC emissions due to the reduction of the use of solvents both during the production process and during cleaning.

Natura coatings are offered in bright and vivid colors. The combination of high flexibility and high thermal resistance makes Natura a suitable external coating system for cookware products, while maintaining the best hardness performance and an attractive, contemporary look.

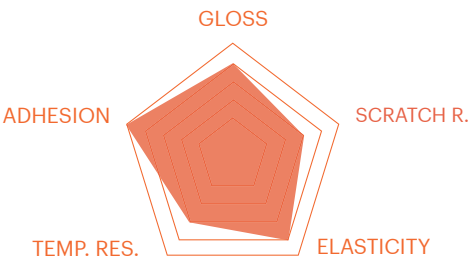
Natura SE

Nature SE is the spray system of the Natura line.



Natura RE

Nature RE is the roller system of the Natura line.



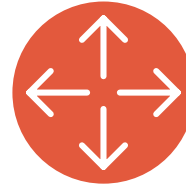
	Surface	Surface Preparation	Dry Film Thickness	Continuous Use T°
Natura SE	Aluminium, stainless steel, alloy FDA regulated	Degreasing and pickling 0,8 to 1,5 µm / mechanical sandblasting 2,5 to 3,5 m	19-25 µm	-
Natura RE	Rolled disc, stainless steel, alloy type 1050 or alloy FDA regulated	Degreasing and pickling 0,5 to 1,5 µm / sandpaper 0,5 to 1,5 µm	19-25 µm	-



Spray
Coating



Internal
Application



External
Application

The Extrema coating collection includes a wide range of spray coatings for internal and external applications for the cookware sector. The Extrema family of coatings for cookware interiors consist of multilayered reinforced systems with a unique blend of particles designed, tested, and approved in the Deko laboratories.

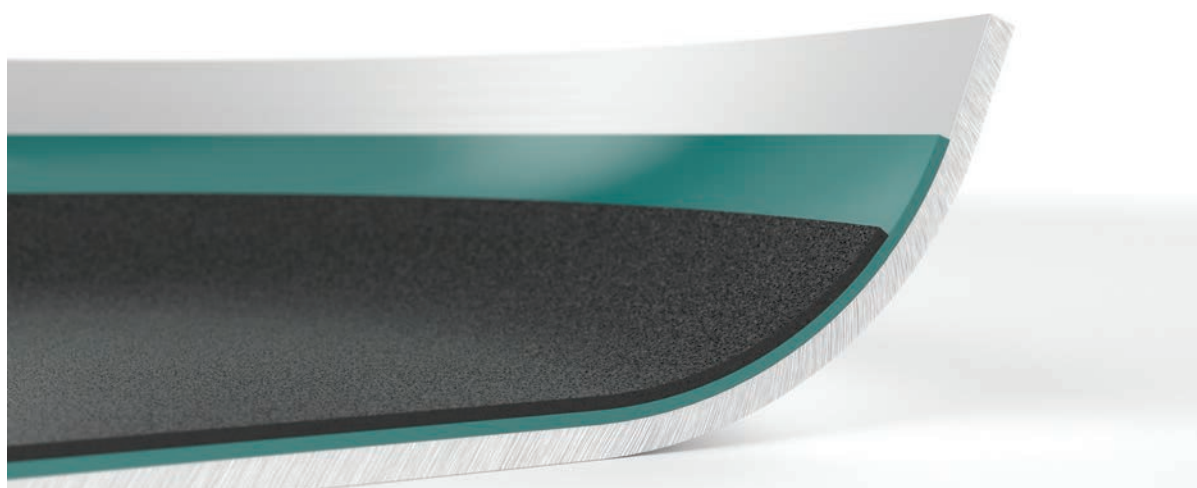
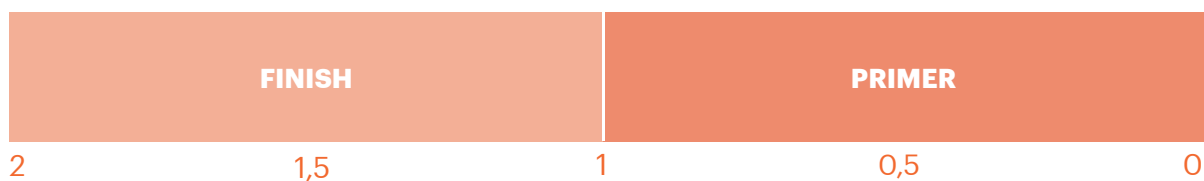
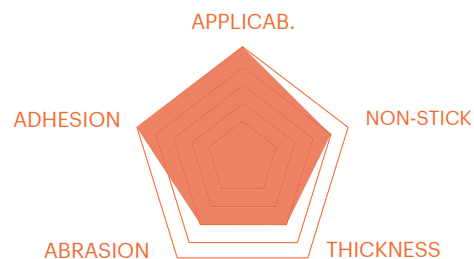
These formulations provide significant advances in release properties compared to other fluoropolymer coatings, thus ensuring the best performance. Through the excellent abrasion resistance and outstanding wear-resistance characteristics, Extrema is the best solution for all types of cooking.

Extrema has been designed on several different quality levels, aimed to optimize performance in accordance with the existing lines of application, representing an innovative system with very high performance.

Extrema

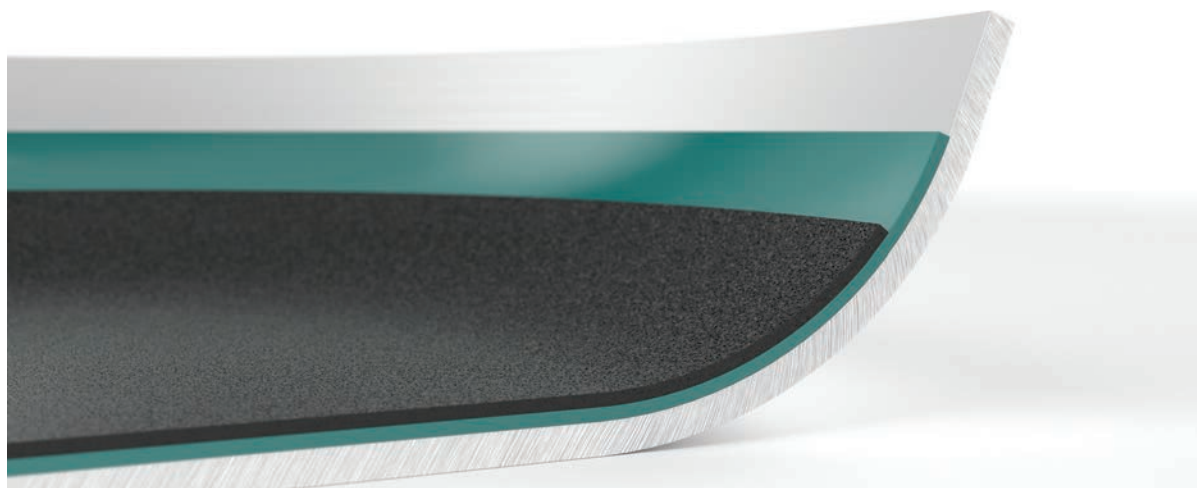
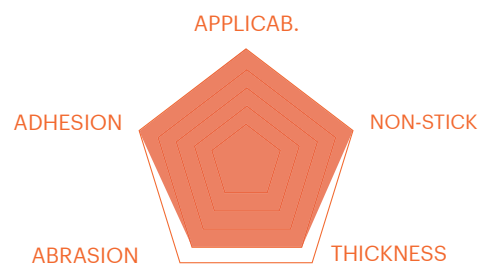
Extrema PRO SI

Extrema PRO SI is the two-layer coating in the Extrema range for internal use



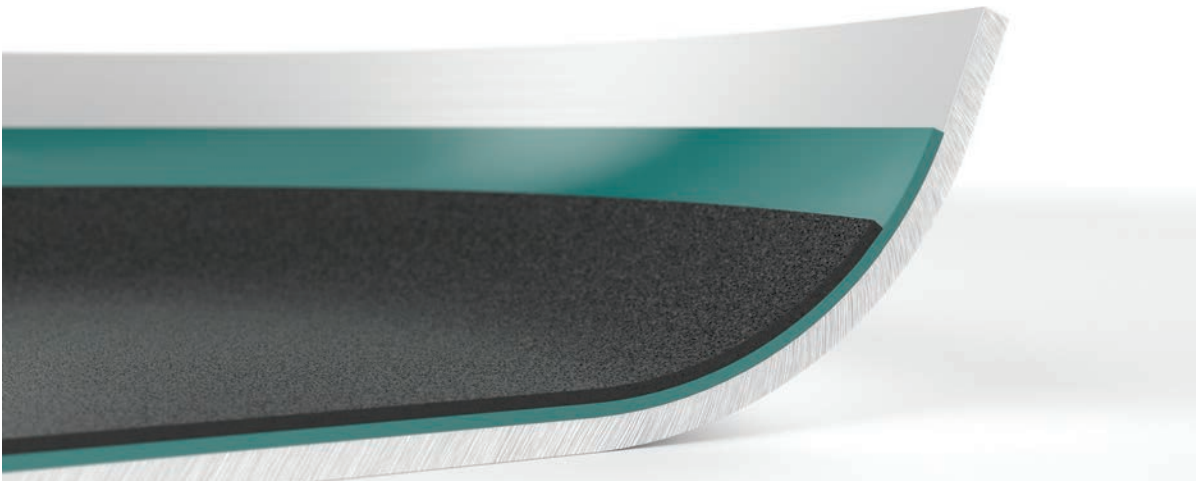
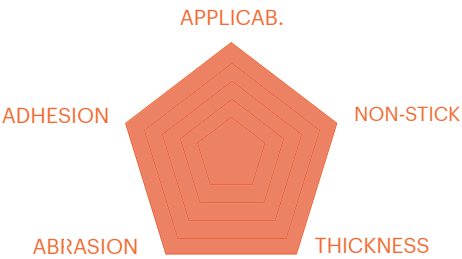
Extrema PLUS SI

Extrema PLUS SI is the three-layer coating in the Extrema range for internal use.



Extrema SUPER SI

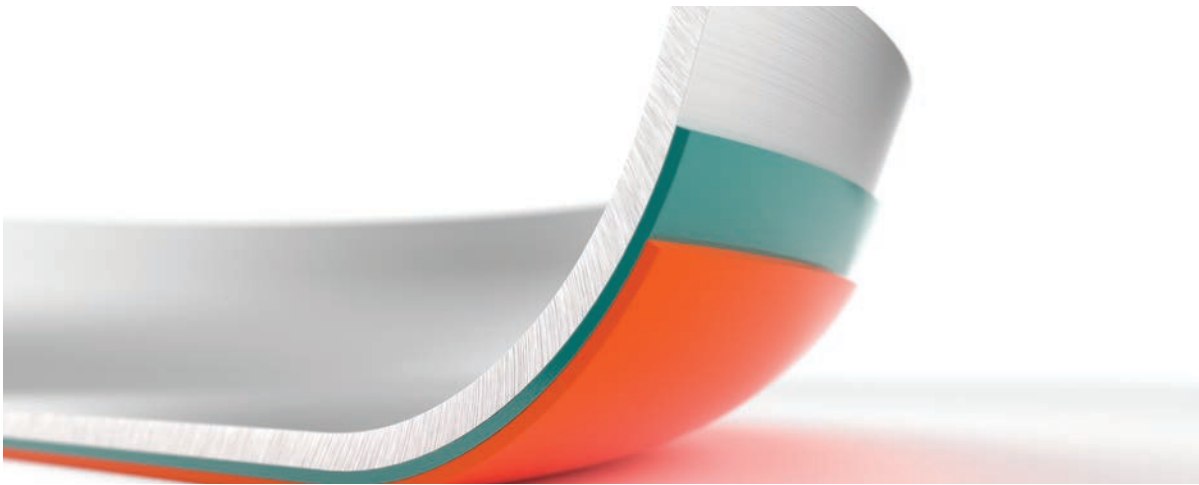
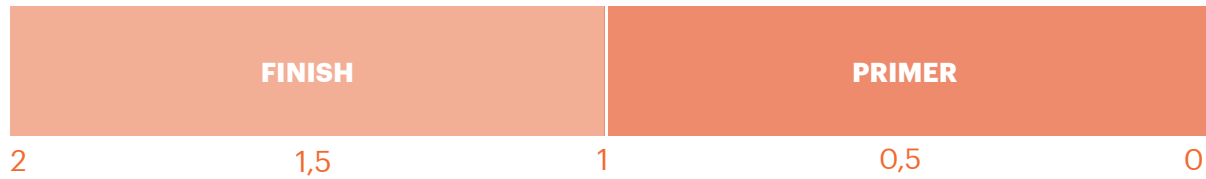
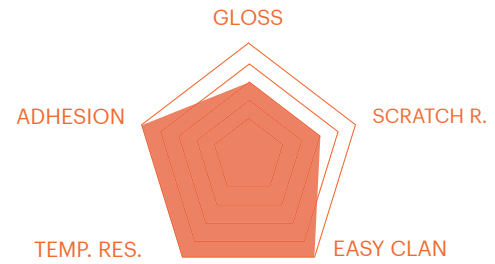
Extrema SUPER SI is the three-layer coating in the Extrema range for internal use.



	Surface	Surface Preparation	Dry Film Thickness	Continuous Use T°
Extrema PRO SI	Aluminium, stainless steel, alloy FDA regulated	Degreasing and pickling 0,8 to 1,5 µm / mechanical sandblasting 2,5 to 3,5 m	20-25 µm	260°
Extrema PLUS SI	Aluminium, stainless steel, alloy FDA regulated	Degreasing and pickling 0,8 to 1,5 µm / mechanical sandblasting 2,5 to 3,5 m	25-30 µm	260°
Extrema SUPER SI	Aluminium, stainless steel, alloy FDA regulated	Degreasing and pickling 0,8 to 1,5 µm / mechanical sandblasting 2,5 to 3,5 m	30-40 µm	260°

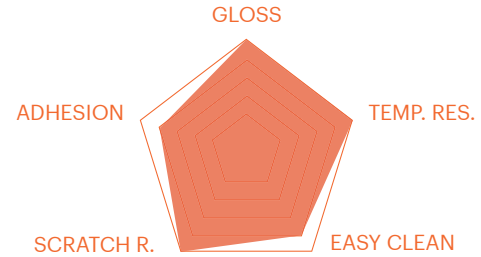
Extrema PLUS SE

Extrema PLUS SE is the basic coating for external spray cookware application.



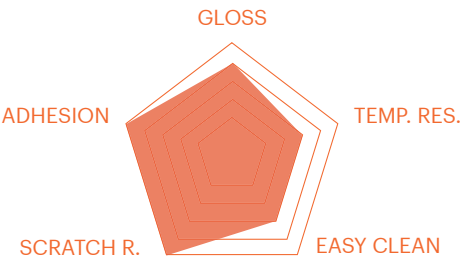
Extrema SILI SE

Extrema SILI SE is a solvent-based silicone spray coating for external application in the cookware segment. Extrema SILI SE is highly resistant to high temperatures and has a long-lasting gloss.



Extrema POLI SE

Extrema POLI SE is a solvent-based polyester spray coating for external application in the cookware segment. Extrema POLI SE features good heat resistance and long-lasting gloss performance.



FINISH	MIDDLE COAT	PRIMER
5	4	3
	2	1



	Surface	Surface Preparation	Dry Film Thickness	Continuous Use T°
Extrema PLUS SE	Rolled disc, stainless steel, alloy type 1050 or alloy FDA regulated	Degreasing and pickling 0,8 to 1,5 µm / mechanical sandblasting 2,5 to 3,5 m	19-25 µm	260°
Extrema SILI SE	Rolled disc, stainless steel, alloy type 1050 or alloy FDA regulated	Degreasing and pickling 0,8 to 2 µm / mechanical sandblasting 2,5 to 3,5 m	20-25 µm	-
Extrema POLI SE	Rolled disc, stainless steel, alloy type 1050 or alloy FDA regulated	Degreasing and pickling 0,8 to 1,5 µm / mechanical sandblasting 2,5 to 3,5 µm	20-25 µm	-



Roller
Coating



Internal
Application



External
Application

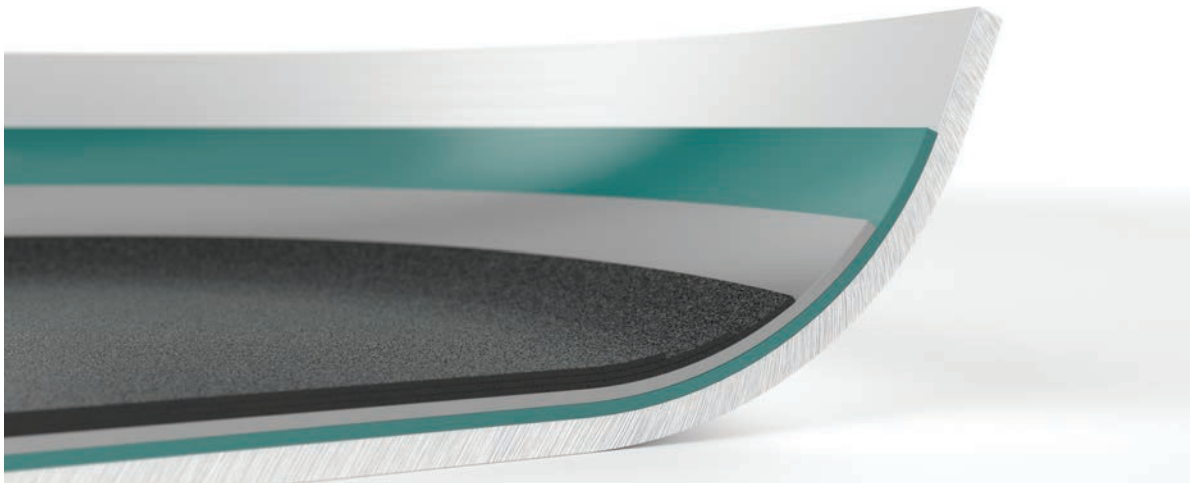
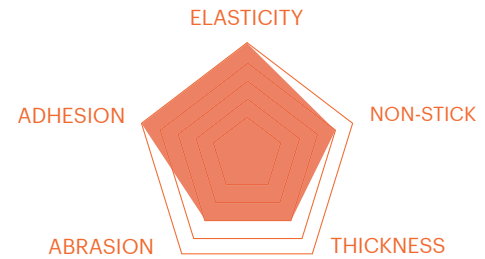
The Vesta product range represents a unique offering in the world of roller coatings for internal and external applications, suitable for a variety of cooking applications and techniques.

This product line, researched, tested and developed by Deko's Research & Development team, combines the true values of non-stick properties with the aim of creating a durable product – and maintaining its performance over time. Vesta is born of proprietary technology refined in our laboratories. The features of this coating are achieved and enhanced by the ability to be applied at increased thicknesses - this means a longer coating life.

Vesta is available in three different quality levels, aimed to optimize performance in accordance with the existing application lines, representing a completely revolutionary system, exceeding any non-stick roller coating ever tested to date.

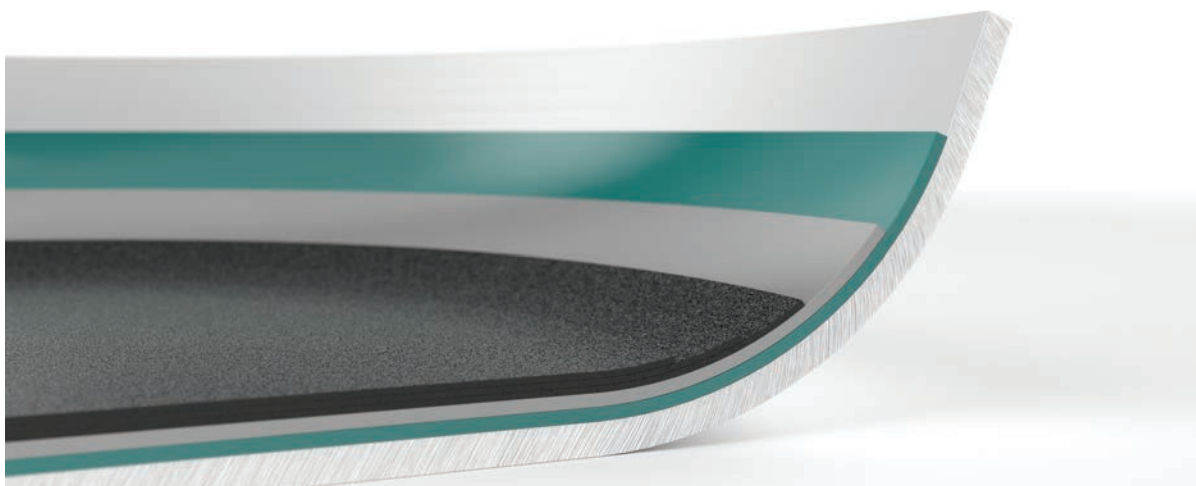
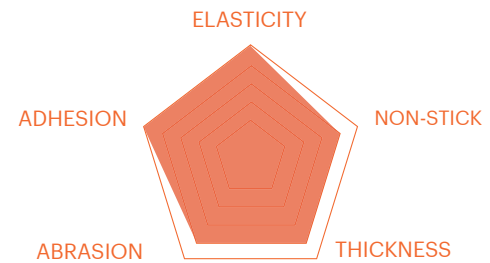
Vesta PRO RI

Vesta PRO RI is the entry-level coating in the Vesta product range for internal rolling, configurable with 2 or 3 top-coat final layers.



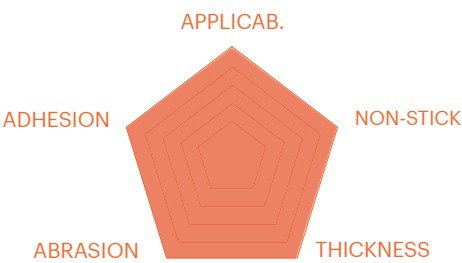
Vesta PLUS RI

Vesta PLUS RI is the advanced coating in the Vesta product line for internal rolling, characterized by high non-stick performance and good mechanical resistance.



Vesta SUPER RI

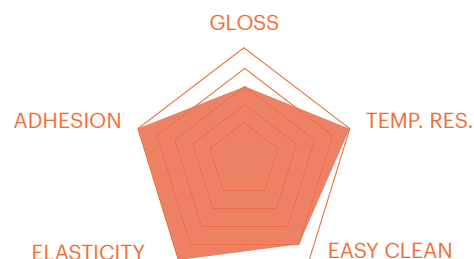
Vesta SUPER RI is the highest performing coating system. This nonstick system for internal and external roller application is revolutionary. This formulation has been designed to pass the LGA abrasion tests.



	Surface	Surface Preparation	Dry Film Thickness	Continuous Use T°
Vesta PRO RI	Rolled disc, stainless steel, alloy type 1050 or alloy FDA regulated	Degreasing and pickling 0,8 to 1,5 µm / sandpaper 1,2 to 2,5 µm	19-25 µm	260°
Vesta PLUS RI	Rolled disc, stainless steel, alloy type 1050 or alloy FDA regulated	Degreasing and pickling 0,8 to 1,5 µm / sandpaper 1,2 to 2,5 µm	20-27 µm	260°
Vesta SUPER RI	Rolled disc, stainless steel, alloy type 1050 or alloy FDA regulated	Degreasing and pickling 0,8 to 1,5 µm / sandpaper 1,2 to 2,5 µm	27-35 µm	260°

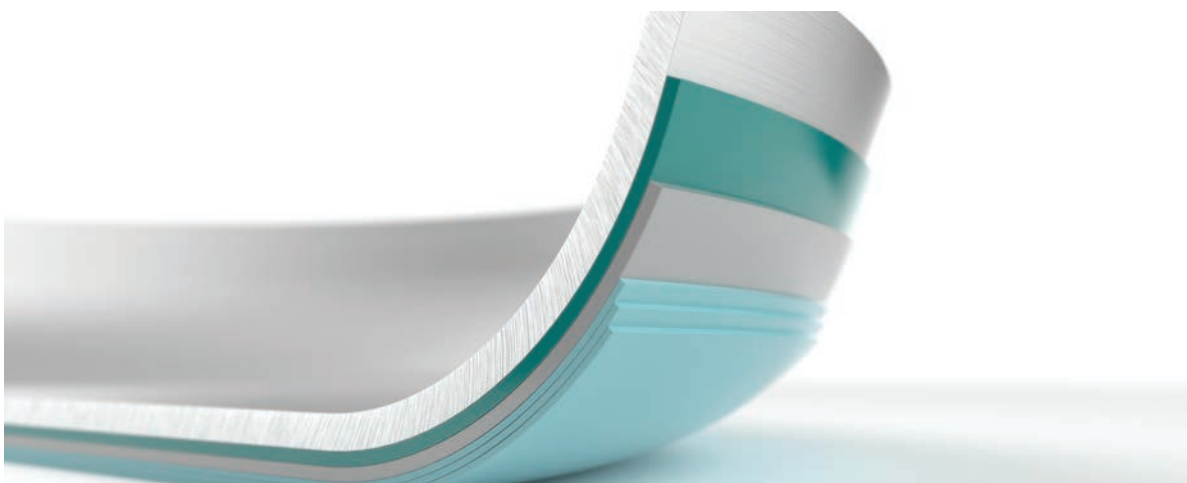
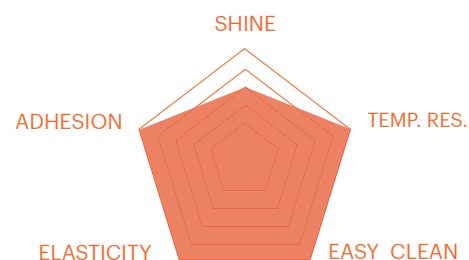
Vesta PRO RE

Vesta PRO RE is the entry-level coating in the Vesta product line for external rolling. Developed in water-based resins, it guarantees extremely elastic performance and excellent



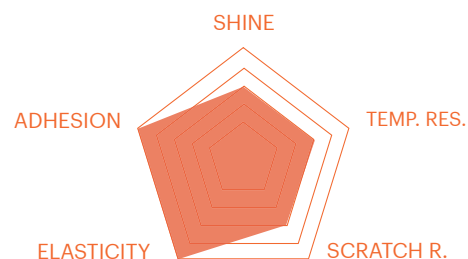
Vesta PLUS RE

Vesta PLUS RE is the advanced water-based roller coating developed for external co-ware applications. Vesta PLUS RE is characterized by high easy-clean performance and excellent mechanical resistance.



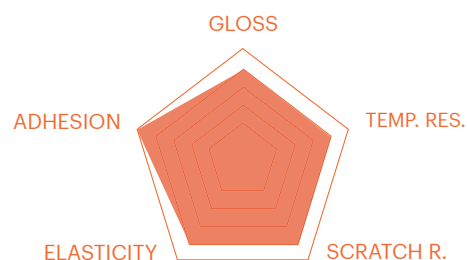
Vesta MEMO RE

Vesta Memo RE is the Deko coating with memory properties. Its highly developed elasticity allows easy molding during production.



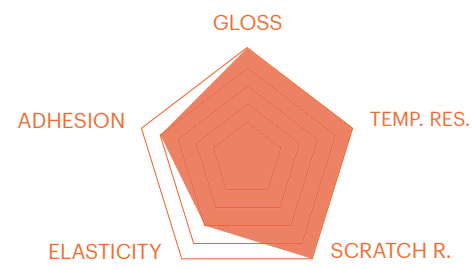
Vesta POLI RE

Vesta Poli RE is the Deko external roller coating with good heat resistance, elasticity, and adhesion.



Vesta SILI RE

Vesta Sili RE is the cookware external coating with an advanced high-temperature resistance.



4 3 2 1



	Surface	Surface Preparation	Dry Film Thickness	Continuous Use T°
Vesta PRO RE	Rolled disc, stainless steel, alloy type 1050 or alloy FDA regulated	Degreasing and pickling 0,8 to 1,5 µm / sandpaper 1,2 to 2,5 µm / mechanical sandblasting 2,5 to 3,5 m	19-25 µm	260°
Vesta PLUS RE	Rolled disc, stainless steel, alloy type 1050 or alloy FDA regulated	Degreasing and pickling 0,8 to 1,5 µm / sandpaper 1,2 to 2,5 µm / mechanical sandblasting 2,5 to 3,5 m	20-27 µm	260°
Vesta MEMO RE	Rolled disc, stainless steel, alloy type 1050 or alloy FDA regulated	Degreasing and pickling 0,8 to 1,5 µm / sandpaper 0,5 to 1,5 µm	19-25 µm	-
Vesta POLI RE	Rolled disc, stainless steel, alloy type 1050 or alloy FDA regulated	Degreasing and pickling 0,8 to 1,5 µm / sandpaper 1,2 to 1,5 µm	19-25 µm	-
Vesta SILI RE	Rolled disc, stainless steel, alloy type 1050 or alloy FDA regulated	Degreasing and pickling 0,8 to 1,5 µm / sandpaper 1,2 to 1,5 µm	19-25 µm	-



Spray
Coating



Roller
Coating



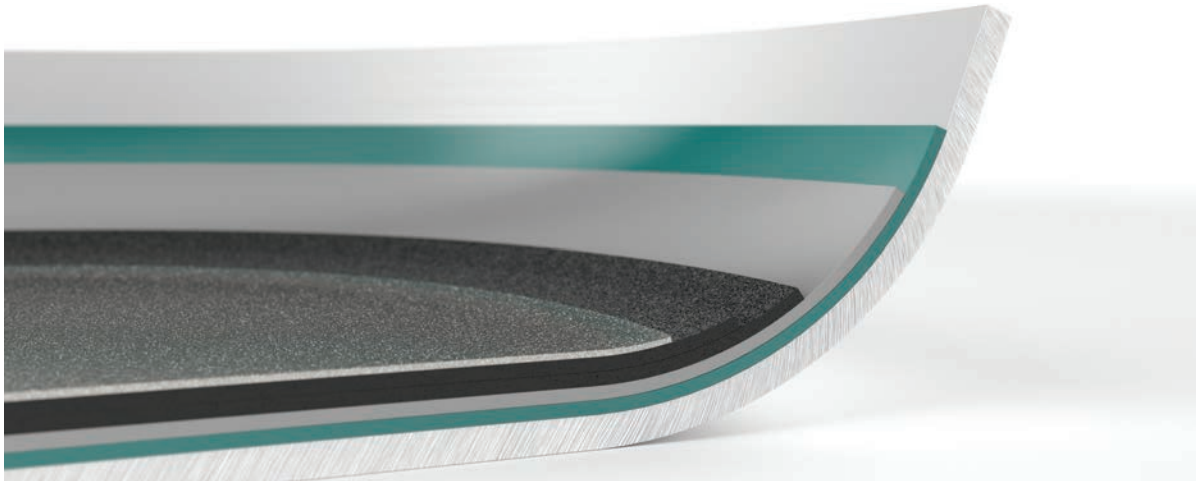
Internal
Application

Adamas is the Deko diamond effect coating. This special coating system has been formulated with a high concentration of brilliant particles, which give an extremely bright finish. Adamas is a water-based system and is available for both roller and spray applications, offering extremely high performance for both formulations.

The high concentration of metallic effect provides a brilliant high-end appearance while maintaining excellent nonstick performance and durability.

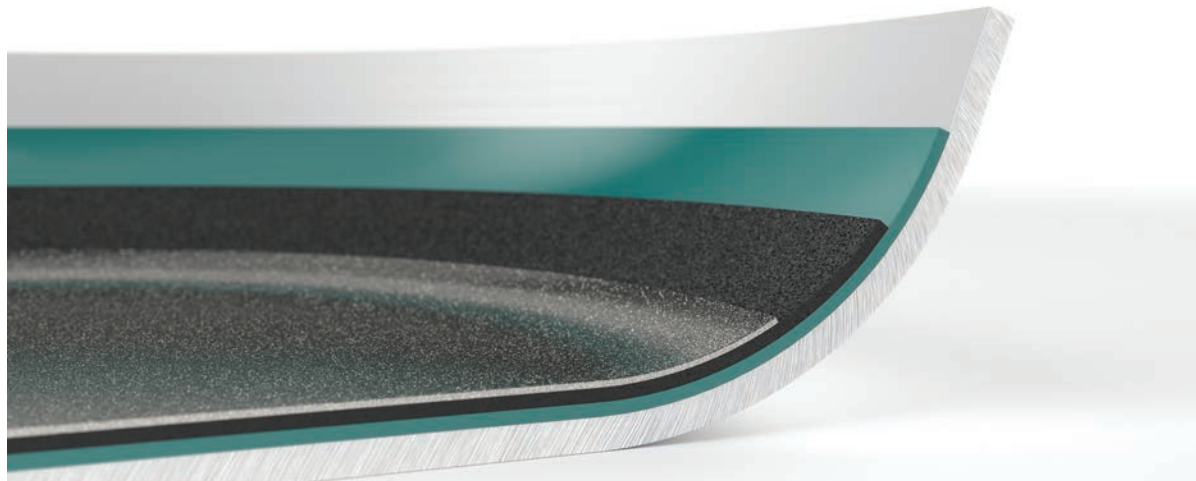
Adamas RI

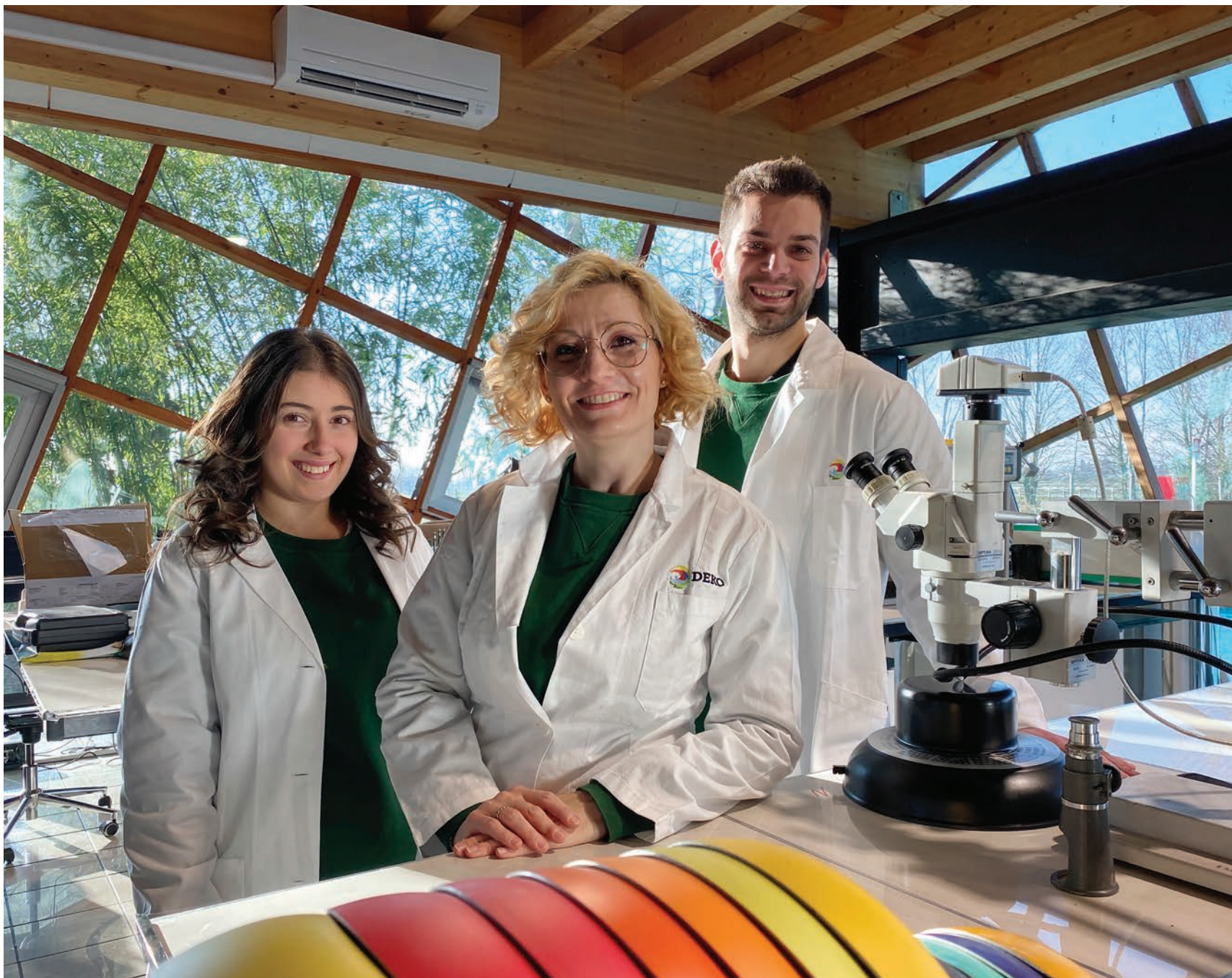
Adamas RI is the roller coating with a diamond effect finish.



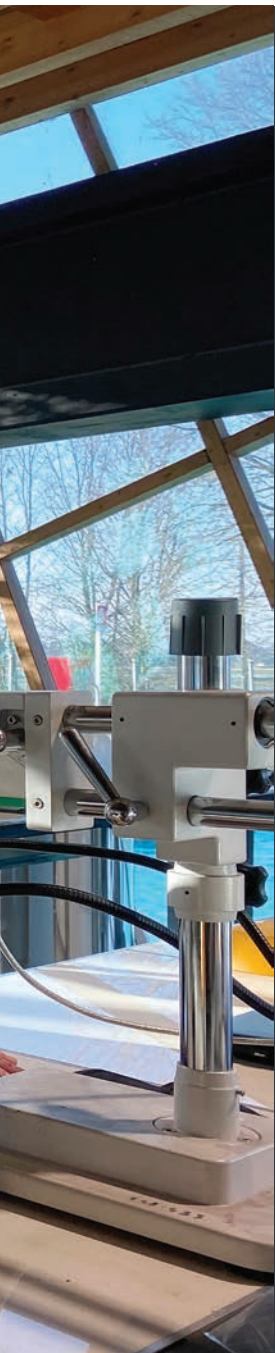
Adamas SI

Adamas SI is the spray coating with a diamond effect finish.





Research and Develop



Deko's research and development department consists of a skilled team of chemists personally trained by Pierino Brunelli, who has passed on his know-how in the non-stick and industrial coating market with commitment and dedication.

Passionate about their work and driven by a strong curiosity, our lab technicians develop and test new formulas, subject coatings to strict quality control checks, and come up with solutions to meet every single customer's needs. Our chemists have refined an extremely high level of expertise that is completely customer-centric by offering the opportunity to customize Deko coatings to their requirements, even the most complex ones.

This tailor-made attitude is the result of talent and investment in research, leading to innovations in cookware and industrial coatings as well as in the various production processes.

Deko's R&D team aims to keep being curious, dynamic, and creative to always listen carefully to the customers' requirements and to suggest efficient solutions specifically designed for them.

TESTS

Our coatings undergo extensive testing to verify and confirm both their safety and excellent quality. Our chemical technicians use professional tools and machinery to test coatings in extreme situations and evaluate their performance.

Here are some of our tests:

1. Thermal resistance test
2. LGA abrasion test
3. BS abrasion test
4. Non-stick test
5. Hardness test

Visit <https://www.dekosrl.com/en/innovation-and-service/> to see some of our tests.

opment

Consultancy and products

Because the customer and their needs are at the heart of Deko's work, the company works with a 100% customer-centric approach, offering a pre-and-post sale support service that is always available.

Each customer is followed both in the purchase advice phase, during which the most suitable coatings are recommended and tailor-made solutions are suggested, and in the after-sale, particularly during the start-up of the plant as well as the beginning of the coating application run.

Our customer service includes trained and competent chemists and technicians ready to listen to the customer's performance requirements and always ensuring the best combination of quality and price competitiveness of our customized products.



Production support



Deko Srl

Strada Prov. 126 km 3 VII
26856 Senna Lodigiana (LO)
ITALY
+30 0377 413190

customerservice@dekosrl.com

www.dekosrl.com

Contacts