



HIGH TEMPERATURE RESISTANT SYSTEMS

REMBRANDTIN IS ONE OF THE WORLD'S LEADING PRODUCERS OF SPECIALTY COATINGS

REMBRANDTIN STANDS FOR TRADITION, QUALITY AND INNOVATION



HIGHTECH COATINGS FOR DIFFERENT REQUIREMENTS

The history of Rembrandtin Coatings GmbH dates back to the year 1937. Today, the company is a specialist for high-tech coatings like high-temperature resistant systems, protective coatings, zinc flake coating systems, road markings, core plate varnishes or railway coatings. Decades of experience make Rembrandtin a reliable partner with global approvals from market leaders in the general industry and the automotive sector. Since 2014, the company is part of the Helios Group, which belongs to the top ten companies of the European coatings industry that has been part of the worldwide KANSAI PAINT Group since 2017.

YOUR PROFESSIONAL PARTNER WORLDWIDE

Rembrandtin exports more than 70 % of its products. The worldwide sales representations enable the company to support its customers personally and on site.

RESEARCH AND DEVELOPMENT – ECOFRIENDLY & SUSTAINABLE

Around 35 % of employees work in research and development. The experienced professionals develop the special properties of the product solutions to meet the requirements of the customers and the steadily rising demands of the industry. In this context preserving sustainability is of major importance – thus in 2012 Rembrandtin was the first Austrian company to receive the European Responsible Care award.

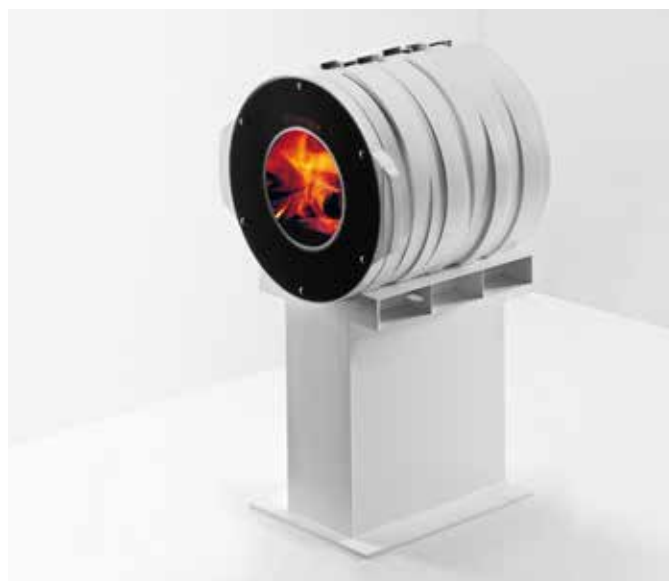




THERMODUR – THE COATING SYSTEM BY REMBRANDTIN

For many years major manufacturers of heat stressed appliances throughout the world have relied on the colour innovations from the house of Rembrandtin. With the THERMODUR series, Rembrandtin offers the perfect coating in optimal quality **for every application in the high temperature resistance sector.**

Besides their specific properties, all of our THERMODUR coatings have one thing in common: They open up previously **undreamt-of possibilities for the design of your product.** Even today the Rembrandtin research department is developing the basis for the product innovations of tomorrow.



THERMODUR
COATINGS FROM
REMBRANDTIN
ARE ECONOMICAL,
FUNCTIONAL
AND MEET THE
HIGHEST QUALITY
STANDARDS.



THE THRIFTY ONE: THERMODUR 600 STAN

THERMODUR 600 STAN is the ideal coating for all stoves, stove inserts and flue pipes. Among its special features are **very good colour retention** even at high temperatures and **excellent adhesion** to non-shotblasted subsurfaces. The coating, which can be exposed continuously to up to 600, can be applied using high-pressure atomization, high-volume-low-pressure as well as electrostatically. Thanks to the wide range of colour shades even the most unusual design ideas can be realised with THERMODUR 600 STAN.

PROPERTIES

- Heat-resistant, modified silicone resin single-coat enamel
- Heat resistant up to 600 °C
- Layer thickness 15-30 µm
- Colour shades according to colour shade chart



ANTI SMOKE SYSTEM: THERMODUR 600 ASS

When a stove is heated for the first time to above 200°C normally an oxidation or carbonisation process begins, during which the organic component of the stove enamel (parts of the silicone resin) is converted into an inorganic matrix. This is accompanied by a visible development of smoke. Not with THERMODUR 600 ASS!

With this coating Rembrandtin focused on avoiding this smoke development when heating for the first time. Through special cross-links the stove enamel achieves its final mechanical hardness already at room temperature and therefore **does not develop any smoke**. The enamel is available in many brilliant colour shades and optimal for stoves, stove inserts as well as flue pipes.

PROPERTIES

- High temperature resistant two-component stove enamel
- No development of smoke when heating for the first time
- Excellent temperature resistance and colour shade retention at 600 °C
- Layer thickness: approx. 20 µm TSD
- Tested by TÜV Süd and the Austrian Research Institute
- Colour shade according to colour shade chart





THE COMPATIBLE: THERMODUR 600 PURE



Due to ever stricter environmental regulations (VOC Regulation) for the processing industry, alternatives to solvent-borne coatings become ever more important. Staying abreast of this development, Rembrandtin now presents the new THERMODUR 600 PURE. This further development of THERMODUR 600 ASS unites the benefits of "both worlds".

THERMODUR 600 PURE offers the same outstanding properties regarding the prevention of smoke formation during first heating and resistance against high temperatures. Thus, producers are now able to **meet all environmental** requirements without compromising quality.

PROPERTIES

- High temperature resistant
- two-component waterborne
- stove enamel
- No development of smoke when heating for the first time
- Environmentally friendly for: stoves, fireplace inserts and flue pipes
- Excellent temperature resistance and colour shade retention at 600 °C
- Layer thickness: ca. 20 µm TSD
- Colour shades: black, anthracite and various cast greys are possible. Special colours upon request

THERMODUR 600 PURE IS THE NEW SOLVENT-FREE ALTERNATIVE.

THERMODUR: BECAUSE COLOUR IS AN IMPORTANT SALES ARGUMENT!



THERMODUR 250

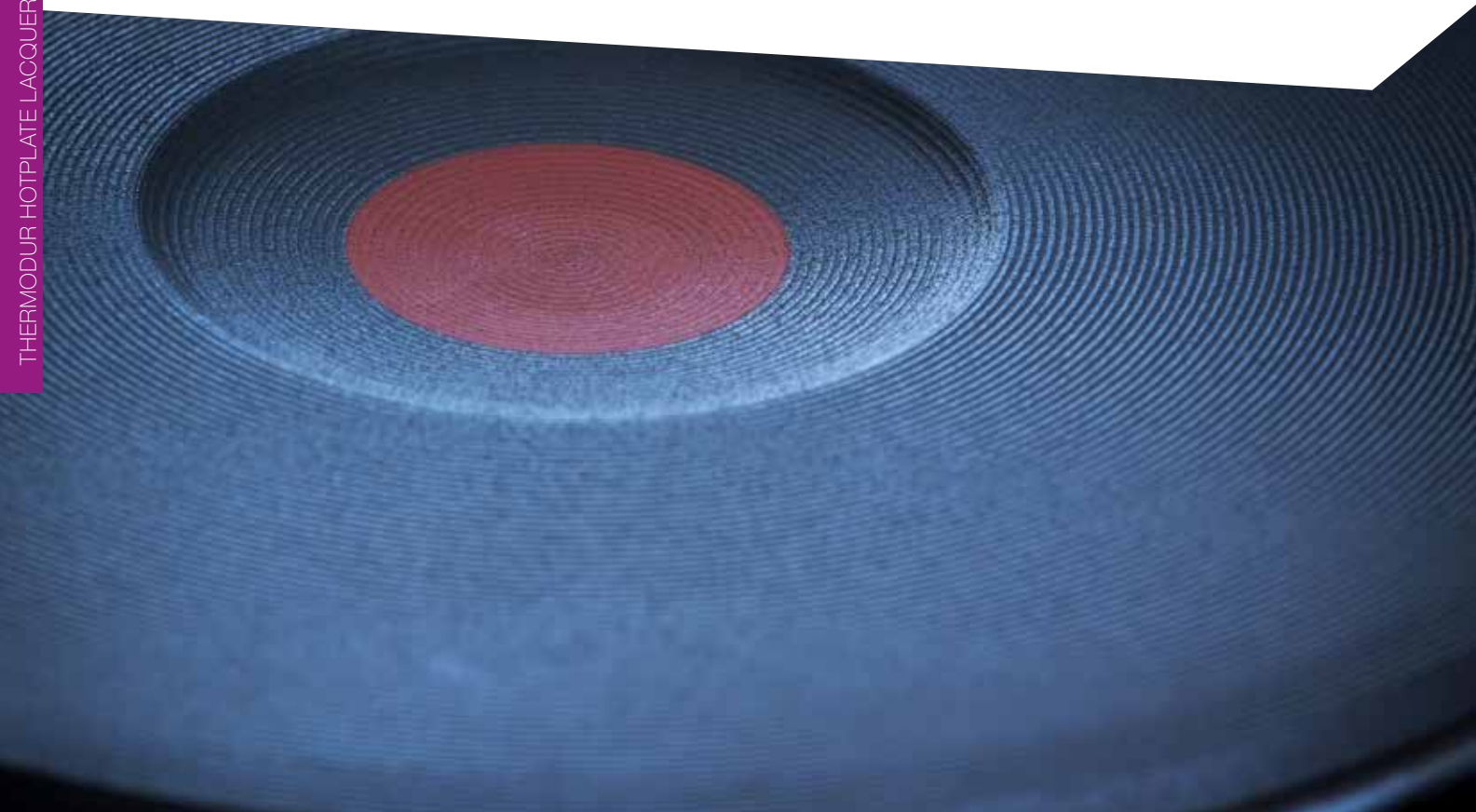
THE TRENDY ONE: THERMODUR 250

Heating appliances, toasters and the like gleam in the latest trendy colours, thanks to the single-layer coating with this decorative, heat-curing silicone enamel. THERMODUR 250 can be applied by means of spraying or High-Volume-Low-Pressure and can be exposed continuously to up to 250 °C. Thus, this enamel opens up a **broad range of design possibilities**. Besides a vast number of RAL shades, completely **individual customer requests** can also be supplied in gloss or matt. Exploit the magic of colour for your product innovations – because colour is also an important sales argument.

PROPERTIES

- Decorative, heat-hardening, modified silicone polyester single-coat enamel
- Colour retention
- Gloss retention, gloss level matt
- Heat resistant to 250°C
- Layer thickness 20–25 µm
- Colour shade according to RAL or customer request



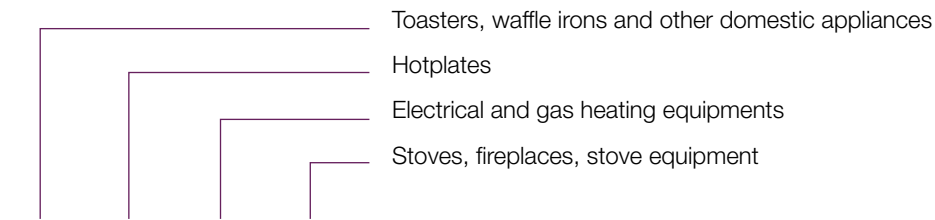






THE DURABLE ONE: THERMODUR HOTPLATE LACQUER

This high temperature resistant silicone single-layer coating system has been developed specifically for the special requirements in the hotplate industry and impresses with exceptional resistance to abrasion. Thermodur hotplate lacquers can be exposed continuously to 600°C. For the red spot in the middle, which marks the rapid hotplate, we also have a suitable marking colour in our product range. Because we develop solutions for you, which not only make life colourful, but also easier.

PROPERTIES

- Heat-resistant, abrasion-resistant, modified silicone single-coat lacquer
- Heat resistant up to 600°C
- Layer thickness 20-30 µm TSD
- Colour shade black, grey, anthracite matt



   				DRYING	LAYER THICKNESS	CONCENTRATION DRY	HEAT RESISTANT UP TO:	
•		•		20 min./200 °C	20-25µ	ca. 60%	180 °C 200 °C 250 °C	THERMODUR 250
	•			Air drying	20µ	ca. 60%	650 °C	THERMODUR hotplates varnish
	•			Air drying	30µ	ca. 65%	650 °C	THERMODUR marking ink
		•	•	Air drying	15-30µ	ca. 40%*	400 °C 500 °C 600 °C	THERMODUR 600 STAN
		•	•	Air drying	15-30µ	ca. 45%*	400 °C 500 °C 600 °C	THERMODUR 600 ASS THERMODUR 600 PURE

*Dependent on the colour shade

THE COLOUR WORLD OF THERMODUR OPENS UP A GREAT VARIETY OF PRODUCT INNOVATIONS!



AWARDS

Rembrandtin has been focusing for many years on quality and sustainability. The company has received numerous awards.

- 2012 European Responsible Care Award
- Since 2011 OHSAS 18001:2007
- 2011 Nomination for Daphne Environmental Award – „Excellent Project“
- 2011 Nomination for Daphne Environmental Award of the City of Vienna
- 2011 Future Award of the City of Vienna – Category „Products and Application“
- 2006 Waste Manager of the Year
- 2000, 1999 Environmental Award of The Austrian Economy
- Since 1998 ISO 14001:2004
- Since 1998 EMAS
- 1997, 1996 Mercur Award
- Since 1995 ISO 9001:2008
- 1995 Ecological Manager of the Month
- Since 1994 Responsible Care Certificate
- 1994 Environmental Award of The Viennese Economy
- 1992 Environmental Oscar



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