

The Wacker logo consists of the word "WACKER" in a bold, white, sans-serif font, enclosed within a white rectangular border. The background of the entire image is a night-time photograph of an industrial facility, likely a refinery or chemical plant, with numerous tall distillation columns and complex piping structures illuminated by bright lights against a dark blue sky. The lights create a strong contrast and some lens flare effects.

**WACKER**

CREATING TOMORROW'S SOLUTIONS

## NÜNCHRITZ SITE

Regional Products for Industries  
Around the World



## WHO WE ARE:

**Economical cornerstone and trusted employer**, production site and technical center, supplier to numerous industries, quality leader and environmental guardian: WACKER's Nünchritz site has a multitude of facets – and is much more than just a chemical plant!

Our site in Nünchritz has a rich history and an exciting future. Around 200 products are being manufactured here, required by industries worldwide. This makes us proud, but we are also aware of our responsibilities. Sustainability and safety are not just buzzwords for us, but principles of action: For example, thanks to our efficient system of integrated production, we have been able to continuously reduce our raw-material and energy consumption in recent years. Our modern, technically advanced facilities also guarantee a high level of safety – not only for our employees, but also for communities neighboring our site and for the environment.

Thanks to the commitment of our employees, we are one of Germany's leading chemical sites. Take a look behind the scenes and get to know us!

| **Number 1**  
chemical employer  
in Saxony  
with more  
than **1,500**  
employees

| **Site area of**  
1.3 million m<sup>2</sup>

At WACKER, we're  
among the largest in  
the world at what  
we do.





## WE RELY ON A SUSTAINABLE SYSTEM

**The production facilities in Nünchritz** form a highly integrated production system. This means: waste products and byproducts from one production step are getting tied into the production process at a different stage – for instance, as raw materials or as energy stream. WACKER has been optimizing its integrated production system for decades and has thus been able to

continuously reduce its raw-material and energy consumption. Waste is being recycled almost completely.

The starting material for the integrated production system is a single element: silicon. After oxygen, silicon is the second most abundant element in the earth's crust. In Nünchritz, we manufacture our entire product portfolio for a variety of sectors by ourselves. This gives us a high level of independence from suppliers, in addition to maximum control over quality. WACKER is known for high quality around the world. Our products extend the life of cars, make fridges more energy-efficient, fire extinguishers more reliable and photovoltaic systems more powerful.

Today, we cover approximately 75 % of our total steam demand through heat recovery.



# WE SUPPLY THE FOUNDATIONS FOR INDUSTRIES WORLDWIDE

up to **20,000 tonnes**  
of polysilicon every year

**200**  
different  
silicones

**150,000**  
tonnes  
of siloxane every year

**Our products are being used in these sectors:**  
photovoltaic, wind energy,  
construction, automotive, electronics,  
cosmetics, health, food, textiles,  
paper



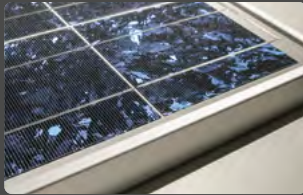
over **1 billion**  
silicone-sealant cartridges  
produced



# OUR PRODUCTS ENRICH DAILY LIFE

## Climate Protection

WACKER's polysilicon is the basic raw material in solar panels. In the generation of wind energy, WACKER silicones play a role in the production of wind turbine rotors.



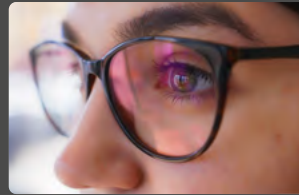
## Little Pleasures

WACKER's pyrogenic silica ensures, among other things, that ketchup has exactly the right consistency and that toothpaste is not so liquid that it drips from the tube.



## Clear Vision

WACKER's highly-transparent sol-gel coatings with tetraethylsilicate protect spectacle lenses from scratches.



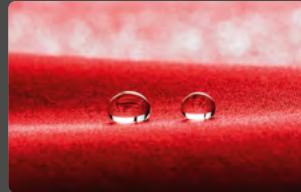
## Skin and Hair

WACKER silicones ensure that protective sunscreen spreads well, lipsticks do not melt and hairspray does not stick.



## Construction Industry

Silicone sealants and adhesives play an integral role in the construction of modern buildings. WACKER can deliver sealants in around 300 hues.



## Comfort

Textiles are reinforced and enhanced with WACKER silicones, thereby making them water-repellent, fluffy or easy to iron for example.



## Building Protection

Sandstone is stabilized and preserved through the use of WACKER silicone emulsions.



## WE'RE GROWING TOGETHER

**WACKER Nünchritz** is the largest chemical employer in Saxony. Since 1998, we have doubled the number of jobs from 759 to over 1500, of which an average of 80 are trainee positions. What's more: each position at the plant creates up to three additional jobs in the region.

We are not only highly successful in manufacturing chemical products, but also in the area of training. Our trainees regularly rank among the best in their class and are often recognised with awards and praise. Every year, an average of 30 young people embarking on their careers are beginning their professional training, chemical and technical, at the plant in Nunchritz.

Detailed information on vocational training programs at: [www.wacker.com/ausbildung](http://www.wacker.com/ausbildung)

In addition to our vocational training programs, we provide the opportunity for people from different professional backgrounds to enter training as skilled chemical technicians in parallel to a job in the company. In doing so, we combine basic and advanced training perfectly. As a result, WACKER offers exiting prospects for people at every stage of their training and career paths.

### Interesting Facts

- | **Jobs in Nünchritz:**  
chemical technician, chemical laboratory technician, industrial mechanic, electronics technician for automation technology, mechatronic technician
- | **Dual study programs in Nünchritz:**  
electrical engineering, mechanical engineering/ process engineering
- | employee turnover rate of less than 1%
- | The average age of our employees is 42.3 years.

# WE LEAD BY EXAMPLE



## Responsible Care®

By participating in the chemical industry's Responsible Care® initiative, we have voluntarily committed to constantly improving environmental and health protection, as well as the safety of our employees and neighboring communities – above and beyond legal requirements.

**Since the takeover of the Nünchritz site** in 1998, WACKER has invested many millions of euros in the latest and most efficient technologies to reduce emissions, sewage and waste. And successfully so: the highly integrated production system ensures the maximum recovery of byproducts. At the same time, we have further optimized our raw-material and energy consumption in recent years. The specific environmental pollution caused by sewage, waste and exhaust emissions remains stable at a low level – despite a fourfold increase in net production from 2002 to 2023.

## Certified Engagement

Well-trained and skilled employees, the most modern safety technology, and an experienced, superbly equipped site fire department ensure a high degree of safety and minimize the potential risks for employees, production, the neighboring area and the environment.

## Environmental Performance Indicators

While our net production increased fourfold from 2002 to 2023, our specific environmental pollution level saw significant improvement at the same time.

The performance of specific environmental-performance indicators per tonne of net production from 2002 to 2023:

- ↓ -44 % waste
- ↓ -57 % effluent burden
- ↓ -72 % CO<sub>2</sub> emissions
- ↓ -75 % exhaust air load
- ↓ -28 % wastewater





## WE COMBINE EXPERIENCE WITH FORESIGHT

**We know where we want to go** – and where we come from. That is another reason for our success: we think and act with a view to the long term.

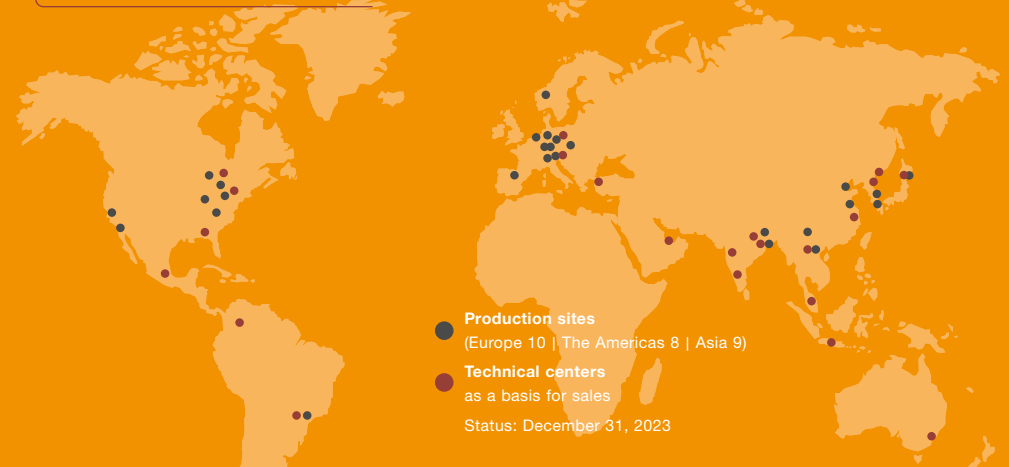
In 1900, the Friedrich-von-Heyden AG established a chemical factory near the municipality of Nünchritz – the Weißig Plant. From 1902 until the 1990s, sulfuric acid for the production of salicylic acid –

the main ingredient in headache tablets – was made here. Additionally, up to the end of World War II, sodium hydroxide, chlorine, hydrogen and other inorganic mass-produced products were manufactured here.

In the 1950s, during the GDR years, the VEB chemical plant in Nünchritz specialized in manufacturing silicones. After the reunification of Germany, Hüls AG was initially awarded the contract to take over the plant. On October 1, 1998, WACKER purchased the plant in Saxony and thus laid the foundations for a successful future. Production was expanded and investments made amounting to a total of € 1.8 billion. In addition, the infrastructure, environmental protection and safety at the site have been continually improved.



## EXPERTISE FROM FIVE CONTINENTS



**WACKER is a global company with state-of-the-art specialty chemical products** found in countless everyday items, with applications ranging from tile adhesives to computer chips. It has a worldwide network of 27 production sites, 22 technical competence centers and 48 sales offices with some 16,400 employees and annual sales of around €6.4 billion (2023).

WACKER operates through four business divisions. The chemical divisions WACKER SILI-

CONES and WACKER POLYMERS supply products (silicones, polymeric binders) for the automotive, construction, chemical, consumer goods and medical technology industries. WACKER BIOSOLUTIONS, the life sciences division, specializes in bioengineered products such as biopharmaceuticals and food additives. WACKER POLYSILICON produces hyperpure polysilicon for the semiconductor and photovoltaic industries.





**WACKER**

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