

# ZINCSPIRATION

THE ALLURE OF A NATURAL MATERIAL

FIRE SERVICE COLLEGE  
Lappersdorf – 1977

**PAST, PRESENT, FUTURE: A VIEW OVER TIME**

A retrospective look over 6 case studies



# ZINCSPARATION

THE FASCINATION OF A NATURAL MATERIAL



[www.rheinzink.com](http://www.rheinzink.com)

## ZINCSPARATION

The appeal of a natural material

This publication shows the stimulating connection between zinc and architecture. It showcases how we have helped in realising and delivering the visions of architects.

Order your personal copy from us today!

# ZINCSPIRATION

## A LOOK BACK TO THE FUTURE

Zinc is natural and functional. Zinc is beautiful and sustainable. Zinc is a creative and visionary material.

And zinc is timeless – with an enduring aesthetic – an everlasting solution. Take a look at the impressive, embossed zinc rooftops of Paris. Or the grandiose use of zinc in Berlin by neoclassical “star architects”, created with magnificent vision by the likes of Karl-Friedrich Schinkel.

Or, to make it easier, browse through this brochure. Within this document we look at some outstanding projects of the recent past, helped in their vision with the use of natural RHEINZINK. The last decades of the 20th Century saw a wide use in this material, recognised for its strengths and advantages in roofing and faade design, along with countless other applications. This small, representative retrospective shows the buildings captured after their completion and their use up to the present day.

Have a look for yourself. Can you spot the difference between then and now? What do you notice? What was considered to be timeless beauty then? What was innovative at the point of commission can still be considered as contemporary today. The functionality promised years ago, has now been proven. Where the materials have been integrated into their environment, they are still eye-catching today – natural, timeless and beautiful.

The idea that RHEINZINK can be utilised in such a way, starts with a singular vision. Today this vision has become a living, creative structure, with proven suitability for its everyday use and, at the same time, able to demonstrate its cost effectiveness. It is not only the evocation of timeless beauty; it is sustainable, economic beauty. The fact that the material’s beauty maintains as it ages – promotes the harmony between ecology and economy. One could almost be tempted to think, the older the material, the better.

Convince yourself of RHEINZINK’s incomparable style and eternal beauty. In the end, we hope that you agree: RHEINZINK has a significant past, with a great potential for tomorrow. Take a look back to the future!

We trust that you enjoy reading this publication. We hope it inspires you.



TODAY, after 25 years...







## TEGELER HAFEN, BERLIN

### A PEACEFUL REVOLUTION IN SUSTAINABILITY

In 1987, the International Building Exhibition (IBA) in Berlin caused a stir, because just before the revolution that returned the city to the west, there was a peaceful architectural revolution that changed the city for the good. These notable and highly acclaimed projects included the residential "Tegeler Hafen" development, at the time an already impressive sustainability project achieved through major investment, which is now one of the most sought-after residential areas of the metropolis. The creation of a sociocultural building complex by a German-Californian design team includes 350 apartments, as well as facilities for an adult education centre, a music school and a public library. The sophisticated roof with dormers and emphasized design elements has been achieved using natural RHEINZINK. Berlin has chosen well – looking back, while looking to the future.

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**Year:** 1987

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**Planning:**

Moore, Rubel, Yudell, Sta. Monica, Calif., USA  
Hähndel, Wolf und Zell, Berlin

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**Construction Management:**

IBR Ingenieurbüro Ruths GmbH, Berlin

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**Roofing/Sheet Metal Contractor:**

Werner & Sohn GmbH & Co. KG, Berlin  
Dieringer, Berlin

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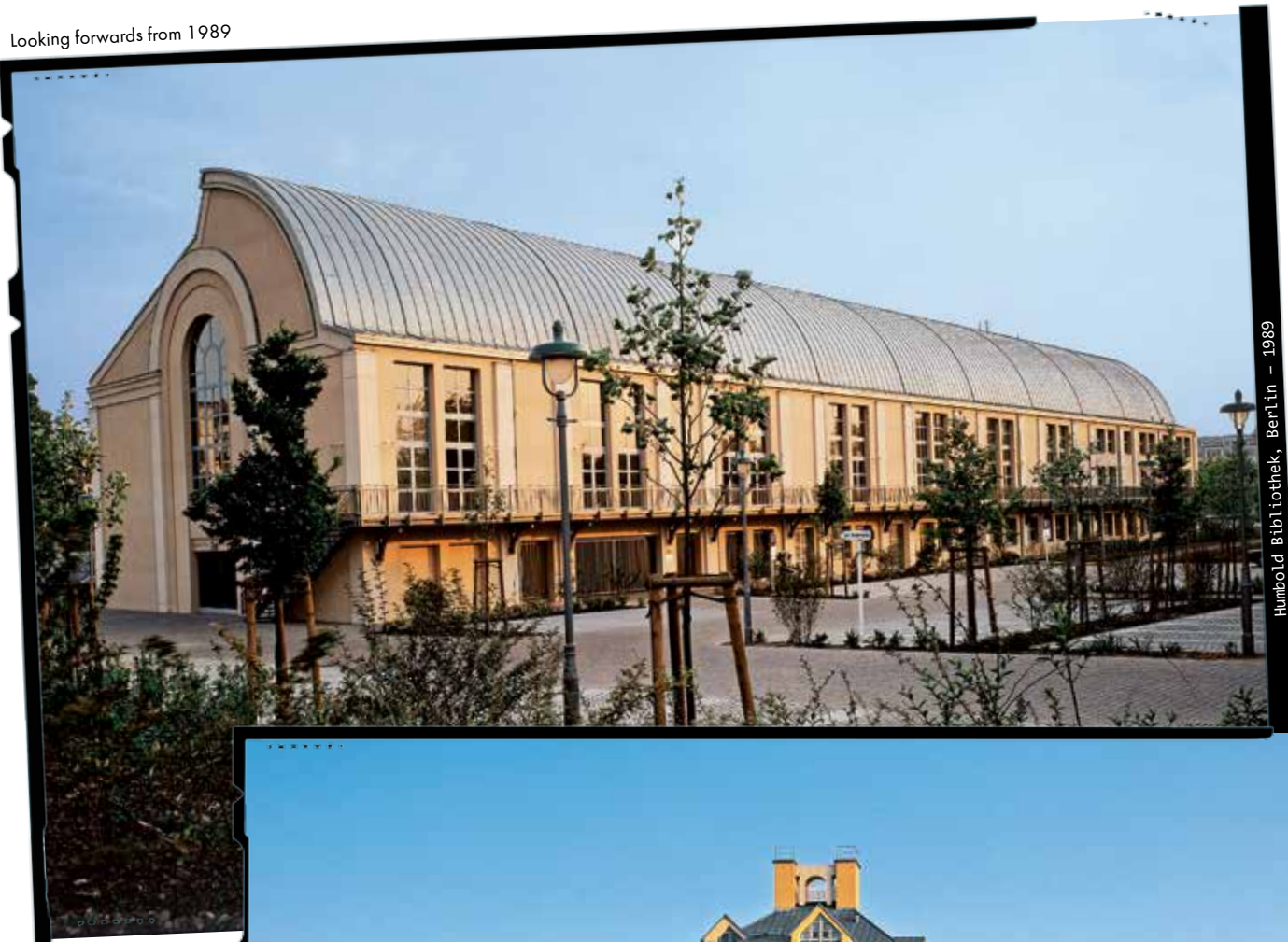
**Specifications:**

RHEINZINK-"preweathered<sup>pro</sup> blue-grey",  
angled standing seam system

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Looking forwards from 1989



Humboldt Bibliothek, Berlin – 1989



Tegeler Hafen, Berlin – 1987

► 1987

Looking forwards from 1987

*RHEINZINK – All under one roof: forums, housing, culture. The “Tegeler Hafen” Berlin case study shines more than ever – a popular organic installation set amongst water and greenery.*







TODAY, after 26 years...







# MUSEUM LUDWIG, COLOGNE

## A STRIKING FACE IN THE SHADOW OF THE CATHEDRAL

In 1985, when this famous museum emerged at a prominent position in Cologne, the project was on the scale of 260,000 cubic metres, a volume equivalent to the adjacent cathedral. In 2001, this renowned Museum Ludwig project came to completion, with this highlight on the landscape owing to the fact that it is clad with a natural RHEINZINK facade. The renowned architects Busmann & Haberer created a harmonious building, from the glazing at the base of the structure rising seamlessly to a zinc facade, before emerging to a carefully articulated roof structure, dressed with RHEINZINK, to create a building that perfectly sets the scene with its religious partner next door. The use of RHEINZINK complements the aged grey of the Cologne Cathedral.

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**Year:** 1985

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**Planning:**

Busmann & Haberer Arch. BDA, Cologne

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**Construction Management:**

ARGE Dipl.-Ing., Freie Architekten v. Waldegg u. Grützmacher, Cologne

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**Roofing/Sheet Metal Contractor:**

Kessler & Koolen, Jacobs, Aachen/Düsseldorf

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**Specifications:**

Facade/Roofing: 7000 m<sup>2</sup>, 51.8 t, RHEINZINK-bright rolled, angled standing seam system

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Looking forwards from 1985 and 1987



Museum Ludwig, Cologne - 1985



Museum Ludwig, Cologne - 1987

► 1987

At the time of installation, the initial form of the patina in the "bright-rolled" RHEINZINK facade was clearly visible. Today, the skin of the building has assumed the typical blue-grey patina and is therefore sympathetic to the reverence of the adjacent cathedral.











# NATURAL. TIMELESS. BEAUTIFUL.

## ARCHITECTURE GAINING VALUE WITH RHEINZINK

From the residential to the fire college, from the Art Museum to the water park, this publication highlights the example of how different structures benefit from the creative and varied uses of natural RHEINZINK. However, these projects also underscore the timeless and sustainable benefits that this material brings to a building. Using the comparison of the THEN and NOW photos shows that time could have moved on without a trace, to demonstrate that, as a material, RHEINZINK maintains its credibility over any zeitgeist.

To date, RHEINZINK has lost none of its relevance. On the contrary, the relationship between zinc and architecture has never been as stimulating as it is today. By choosing a RHEINZINK roof or facade you are following in the example of countless world-renowned architects, who use the natural material as a way of expressing their desires.

Over almost half a century, this natural material, acquired from titanium zinc, offers a prestigious, timeless, quality sense to any project. The solution for roofing, wall cladding, roof drainage systems and solar solutions, RHEINZINK has set the standards over a generation. All from a material that is maintenance-free and 100% recyclable.

RHEINZINK is available in three natural surface finishes – RHEINZINK-prePATINA® bright rolled, when subjected to normal weathering conditions, forms a surface patina, forming the classic blue-grey appearance. RHEINZINK-prePATINA® blue-grey and RHEINZINK-prePATINA® graphite-grey are pre-weathered alternatives, manufactured at source, providing a long-lasting elegant zinc patina.

The preweathered surfaces are also available as RHEINZINK-PROTECT®. A transparent coating prevents natural aging and therefore preserves the surface, whilst the inherent properties of the RHEINZINK material remain true. With RHEINZINK-COLOR® we offer all those passionate about RHEINZINK, a colour version of this environmentally friendly material.

In order for your good ideas to become successful solutions, we have a technical team on hand to assist and advise on all aspects of our products and services. This team is not only experienced in your detailed specification requirements, but also on hand to help achieve your creative vision. We would advise that the sooner we are involved in the process, the better end result for you. As can be seen in the examples listed within this brochure, we relish the most challenging of ideas.

Let your architectural vision become reality and be confident with a material that has been proven in structural and aesthetic terms for decades. RHEINZINK allows each project to reach its architectural potential.

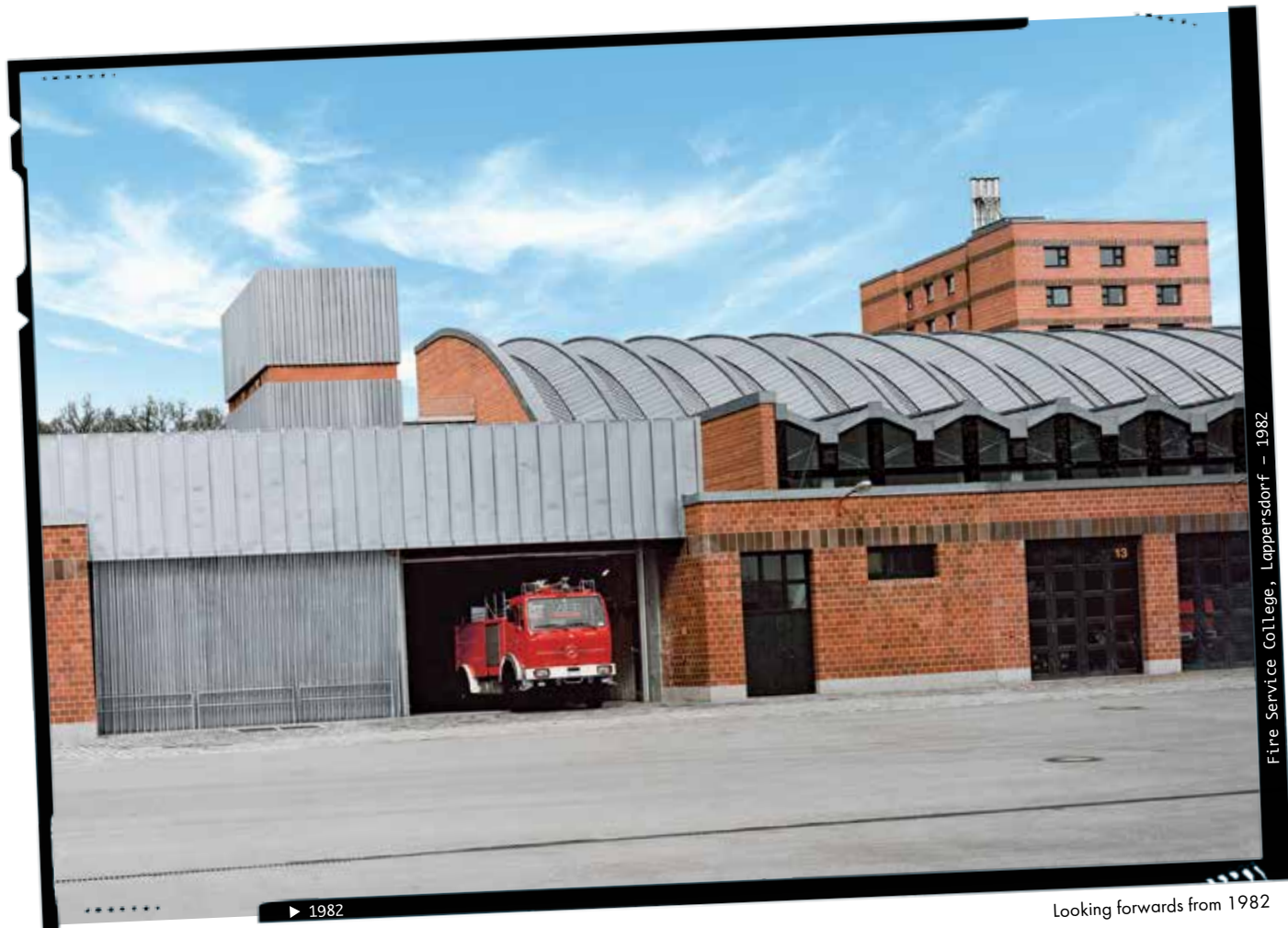
Do you have a visionary idea and are looking for a practical solution? Do you have any questions about the use of our material? Do you require any product samples? Please contact us.



TODAY, after 35 years...







## FIRE SERVICE COLLEGE, LAPPERSDORF

### AHEAD IN THE SEVENTIES: PROGRESSIVE RATHER THAN PROVINCIAL

The plans for a modern education for the fire personnel in the Bavarian town of Regensburg began in the early 70s. This enlightened desire was equally reflected in the modern architecture of the state fire school in Lappersdorf. It required the architecture to be highly efficient and functional. The Landbauamt Regensburg opted for a masonry facade and RHEINZINK roofing. This, to a building that has been a focus for the community for over 35 years and in that time has been extended twice. In this instance, the patinated grey RHEINZINK roof forms a striking contrast to the red of the masonry. And the double-saddle laid roofing element follows the contours of the curved gable. Functionality and aesthetics joining together in a building established here, for the future.

**Year:** 1977

#### **Planning:**

Landbauamt Regensburg,  
Bauoberrat Arch. G. Sander, Regensburg

#### **Roofing/Sheet Metal Contractor:**

Hermann Koberger GmbH

#### **Specifications:**

Facade/Roofing: 1200 m<sup>2</sup>, RHEINZINK-  
bright rolled, double standing seam system





Looking forwards from 1990

## VITRA DESIGN MUSEUM, WEIL AM RHEIN

### AN ARCHITECTURAL LANDMARK: FRANK O. GEHRY'S FIRST PROJECT IN EUROPE

"Dramatic, passionate and crazy", was the rave review, in 1989, within the features section of the publication *Die Zeit*, after the Canadian-Californian architect Frank O. Gehry unveiled the Vitra Design Museum in Weil am Rhein. This stunning display of a whitewashed facade and RHEINZINK roofing proved to be at the vanguard of modern architectural "deconstruction". Gehry's simple geometric shapes still captivate audiences today – they make the Vitra Museum a dynamic sculpture, an architectural jewel and a true landmark of architectural history. Large and prestigious exhibitions are housed within the building and attract visitors from all over the world. RHEINZINK has every reason to be proud to have been part of the project, which at the time, was the first European project for this famous architectural godfather.

**Year:** 1989

#### **Planning:**

Frank O. Gehry, Santa Monica, USA  
GPF & Associierte, Günter Pfeifer, Roland Mayer, Lörrach

#### **Construction Management:**

GPF & Associierte, Günter Pfeifer, Roland Mayer, Lörrach

#### **Roofing/Sheet Metal Contractor:**

Bernd Bürgin, Efringen-Kirchen, Morath AG, Basel, Jauslin AG, Muttentz, Switzerland

#### **Specifications:**

Facade: 200 m², 1.5 t, RHEINZINK-bright rolled, angled standing seam system  
Roofing: 2750 m², 17 t, RHEINZINK-bright rolled, double standing seam system





TODAY, after 35 years...





TODAY, after 22 years...







## DINING SSND

### HEAVENLY AND FUNCTIONAL FOR ETERNITY

"Good things last", someone commented ten years on, after the completion in Graz, in 1977, of a sprayed concrete multipurpose hall, which also has a stunning RHEINZINK facade. Since then, the Austrian architect Prof. Günther Domenig has constructed many other buildings to add to the attractions of the capital of Styria. Coupling beauty and efficiency, as well as considering the practicalities of protecting a building, is the primary requirement of this architect and university lecturer and RHEINZINK has offered him the ideal material to produce zinc-dominated buildings. The stunning appearance encourages visitors, while the users of its multifunctional space just find it great. Mary Magdalene of the Graz School Sisters said: "This roof is forever". As a Franciscan, one thinks in such long periods. We at RHEINZINK agree.

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**Year:** 1987

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**Planning:**

Arch. Prof. Dipl.-Ing. Günther Domenig, Graz

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**Construction Management:**

Arch. Prof. Dipl.-Ing. Günther Domenig, Graz

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**Roofing/Sheet Metal Contractor:**

Spenglerei G.u.H. Pichler GmbH, Pöllau

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**Specifications:**

Facade: RHEINZINK-bright rolled, angled standing seam system  
Roofing: 1200 m², RHEINZINK-bright rolled, double standing seam system

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## WATER PARK HEVENEY, WITTEN

### CHERISHED BY MILLIONS FOR DECADES

As the water park on Kemnade between Witten and Bochum, was being planned, the overall impression was for the landscape to remain as natural as possible. The award-winning design of the Stuttgart architects Fiddler Aichele-Weinmann, with its soft shapes, are reflected in the roofscape of the natural RHEINZINK, where it apes and reflects the surrounding landscape. For such a large structure, with a RHEINZINK roof, it blends sympathetically with its surrounds. The resulting family-friendly facility is now one of the most popular recreation centres in the Ruhr. To this day the RHEINZINK roof covering provides safe protection and blends ideally into the natural surroundings.

**Year:** 1986

**Planning:**

Freie Architekten BDA  
Friedler-Aichele-Weinmann, Stuttgart

**Construction Management:**

Arch. Fredo Kunze, Iserlohn

**Roofing/Sheet Metal Contractor:**

Gerhard Aude GmbH, Bielefeld

**Specifications:**

Roofing: 1200 m<sup>2</sup>,  
RHEINZINK-"preweathered<sup>pro</sup> blue-grey",  
double standing seam system



TODAY, after 26 years...





We think and act sustainably. The paper used for this publication is FSC® certified. It comes from sustainable forestry resources.

We would like to thank all those who have supported us in the creation of this publication, either through the conversations we have had, or through the projects presented.

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*Concept/design/text/realization: JACQUES D., Gesellschaft für visuelle Kommunikation mbH, Since 1983*







Do you have a visionary idea and are looking for a practical solution? Do you have any questions about the use of our material? Do you require any product samples? We look forward to your call!



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