LITHO DECOR

- ✔ certified
- ✔ back-ventilated
- ✔ easy
- ✔ fast
- ✔ unique

www.lithodecor.com

Lithodecor Fassaden GmbH production plant in Netzschkau (Germany)

In 2021, the Lithodecor brand broke away from DAW SE and joined the **STEINMANN GROUP**. The company, which has been active nationally and internationally for more than 25 years, is now part of the family-owned facade specialist.

Lithodecor Fassaden GmbH - within the STEINMANN GROUP - has a qualified and experienced team of employees.

We offer new and comprehensive competences for the construction of ventilated curtain wall facade systems.

Competences that make it possible to realize diverse design ideas where other systems reach their limits.

The delivery plant in Netzschkau is equipped with the latest and highest quality machinery, so we have the best conditions to handle your order professionally.

Quality means that the customer and not the product come back!

„stands out on the front“!

Manufactory of Lithodecor® systems:
With our Manufactory in Netzschkau, we have been specialists in the production of ventilated facade elements in lightweight construction systems for over 25 years. In addition to standard elements, we also supply exclusive facade solutions in **glass, ceramic and natural stone.**

LIGHTWEIGHT
Due to our special carrier plate
we guarantee very low weight per unit area
of all systems.

DIVERSE DESIGN
Maximum formats and innovative
shapes where other systems reach
their limits.

QUICK ASSEMBLY
High degree of prefabrication, weather-independent and fast assembly due to modular and lightweight construction.

MANIFOLD FASTENING
Lithodecor® facade elements can be
be attached to the facade in a wide variety
of ways.

„stands out on the front“!

SAFE AND ROBUST

Lithodecor® facade systems can be produced in flame-retardant as well as in non flammable (fire resistance classes B1 and A2) according to approval. Furthermore, Lithodecor elements offer impact and explosion protection.
(E5 classification according to DIN 14019)

OPTIMAL ENERGY BALANCE

Pre-hung, thermally insulated facade systems can significantly improve the energy balance of buildings and thus contribute to lower maintenance and energy costs. Buildings with Lithodecor® can also be certified with DGNB, Leed (U.S. Green Building Council) or BREEAM.

RESOURCE-EFFICIENT

Litho-Stone®, due to its special structure, enables an even more resource-saving use of raw materials on the facade. Due to the lower weight of all Lithodecor® systems, the raw material requirements of the fastening structures can also be reduced.

REFURBISHMENTS

Lithodecor® facade systems are particularly suitable for low load-bearing capacities of the shell. In special cases, the reuse of no longer available natural stone ressources is also possible.

SERVICES

LITHO DECOR

better together

Consultation • Sample service • Indicative prices and preparation of quotations • Tender support and service specification texts • Technical support and standard details • Factory visits and seminars • Strip Cooperation with certified testing institutes • Production according to the highest quality standards • Support with transport and logistics

System presentation: Litho-Stone

Litho-Stone offers a wide range of possibilities for the design of your high-quality natural stone facade with numerous natural stone types, formats and shaped parts. Even large slabs **up to 7.7 m²** are suspended in the aluminum substructure with invisible fasteners.

The panels consist of a **5 to 10 millimeter** thick natural stone element as top layer on a maximum 19 millimeter thick lightweight concrete support and are up to **60% lighter** than solid natural stone panels.

Overhead installation is also possible with non-visible fasteners.

System:	Ventilated curtain wall system with natural stone slabs on lightweight concrete girders
Properties:	Compensation of unevenness thanks to flexible substructure, weather and frost resistant
Fixing:	Non-visible fastening on an aluminum substructure
Finishes/Appearance:	Upon request and request of the customer
Size:	Up to 7.7 m² panel size, depending on the rough stone format
Overhead:	Up to 5.26 m² (max. 4.05 x 1.30 m) Overhead application with AbZ
Approval:	Building authority approval available
Thermal protection:	Mineral wool insulation (WLG 032 and 035)
Impact resistance:	E5 - classification possible, DIN 14019, highest resistance to mechanical influences

System presentation: Litho-Glass

Litho-Glass consists of resistant composite panels with a maximum thickness of 28 mm +/-1 mm. thick laminated panels. The 8 mm ESG-H glass panel (toughened safety glass) is fully bonded to a lightweight concrete support.

The panels, which measure **up to 7.74 m²**, are fastened with an invisible agraffe suspension construction. The toughened safety glass panels undergo a **„heat-soak test“** and are available in **numerous** attractive **color variants** - **individual digital printing** is also possible.

Let your imagination & creativity run wild!

System:	Pre-ventilated facade system with ceramic panels on lightweight concrete girder
Properties:	Compensation of unevenness due to flexible substructure, weather-resistant, frost-resistant
Fixing:	Non-visible fastening on aluminum substructure
Finishes/Appearance:	Extensive collection of design surfaces
Size:	3,200 x 1,500 mm or 3,600 x 1,200 mm, depending on surface structure
Approval:	Building authority approval available
Thermal protection:	Mineral wool insulation (WLG 032 and 035)
Impact resistance:	E5 - classification expected, DIN 14019, highest resistance to mechanical influences

System presentation: Litho-Ceramics

Litho-Ceramics offers a **wide range** of **design** and **surface variants** for the creation of high-quality ceramic facades. **Largest tile formats** and **storey-high moldings** are suspended in the aluminum substructure without visible fastening.

The panels consist of a **6 millimeter** thick top layer which is fully bonded to a **maximum 19 millimeter** thick lightweight concrete beam. These are highly resistant to mechanical damage.

The variety of surfaces and colors give you enormous design versatility and freedom. Some of the surfaces look like natural stone, others like concrete.

System:	Pre-ventilated facade system with ceramic panels on lightweight concrete girder
Properties:	Compensation of unevenness due to flexible substructure, weather-resistant, frost-resistant
Fixing:	Non-visible fastening on aluminum substructure
Finishes/Appearance:	Extensive collection of design surfaces
Size:	3,200 x 1,500 mm or 3,600 x 1,200 mm, depending on surface structure
Approval:	Building authority approval available
Thermal protection:	Mineral wool insulation (WLG 032 and 035)
Impact resistance:	E5 - classification expected, DIN 14019, highest resistance to mechanical influences

LITHO DECOR

LITHO-STONE®

LITHO-CERAMICS

LITHO-GLASS®

Litho-Ceramics
53500 m^2

Project: Flare of Frankfurt
Location: Frankfurt, Germany

Litho-Glass
53400 m^2

Project: Enderby Wharf
Location: London, England

Litho-Glass
2550 m^2

Project: Office building
Location: München, Germany

Litho-Glass
200 m²

Project: Headquarter FC Bayern München
Location: München, Germany

Litho-Glass
600 m^2

Project: Hospital/ Health Care Center
Location: Walstedde, Germany

Litho-Glass
1200 m²

Project: University
Location: Hannover, Germany

Litho-Stone
12500 m^2

Project: Office and administration building
Location: Aarhus, Denmark

Litho-Stone
630 m²

Project: Athletes Village - Festuca House
Location: London, England

Litho-Stone
10000 m^2

Project: One Clinton Tower
Location: New York City, USA

Project: Office building
Location: Laatzen, Germany

Sustainability

OUR CONTRIBUTION

As a company, we know that responsible, sustainable action is successful in the long term. That‘s why we use climate-neutral green electricity for our sustainable energy supply.

BEING GENTLE WITH NATURE

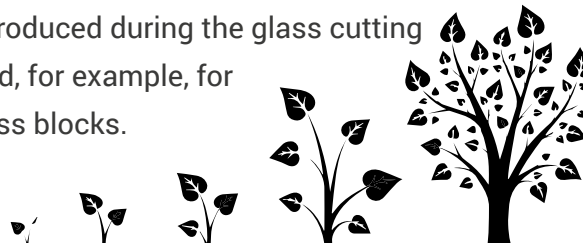
In addition to the outstanding quality of our facade elements, we also focus on the sustainable product design of our portfolio. The design of our production processes and products is carried out in the sense of reusability of the individual materials, extensive avoidance of emissions as well as the careful use of natural resources.

GENERATE LONG-TERM VALUE CREATION

Litho-Stone®, enables an even more resource-conserving use of raw material on the facade due to its special structure. In the case of energetic façade renovations, for example, the preservation of natural stone can be ensured even in the case of already depleted natural stone deposits.

The ceramic of our product Litho-Ceramics is made of completely natural materials such as quartz, glass, silica, feldspar as well as some additional natural mineral oxides. Thereby already more than half of the material is recycled! The final product is 100% climate neutral and 100% recyclable!

The glass of our Litho-Glass® system comes from suppliers who place the highest demands on their climate efficiency. Certified according to the energy management system DIN EN ISO 50001 and the environmental management system DIN EN ISO 14001, the off-cuts produced during the glass cutting process can be reused in the production process. It can also be reused, for example, for the production of container glass, insulating wool, emery paper or glass blocks.



Sustainability

CERTIFIED BUILDING OBJECTS:

Here is a selection of our references in connection with the requirements for certifications in sustainable construction. We are happy to support architects and builders in relation to our designs in achieving the certification goal.

PROJECT OBER- RAMSTADT DAW ZENTRALE

The new building of the largest private manufacturer of construction paints and thermal insulation in Europe was awarded DGNB Diamond in 2018.

PROJECT MOHNHEIM AM RHEIN RHEINPARKCARREE

The 1st construction phase in Rheinpark with a total of 5,200 m² was completed at the end of 2013 and awarded DGNB Gold in the same year. The creative architecture with our Litho-Glass® elements characterizes the diverse appearance.

Our systems offer
the best possible protection
for your projects.
Explosion protection and
Lithodecor materials with
a wide range of design options.
E5 classification possible,
DIN 14019, highest resistance
against mechanical influences.
No falling down of
façade elements as well as façade
pieces guaranteed!

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better together

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save contact details