

Acoserv GmbH

A company that is committed to the worldwide protection of location-independent and location-bound process-technical systems and / components against the aggressive effects of chemicals.



Experience and Know How since 25 years
Employees: 70

Certified according to §62 WHG

Ongoing Certification:
SCC
ISO 9000/9001

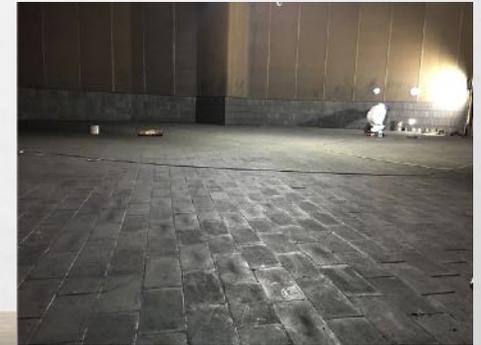


Range of services

Acoserv GmbH is a modern service company in the field of industrial corrosion protection, whose employees can fall back on over 25 years of experience.

We offer high quality products and services in the fields of surface protection, rubber linings, coatings and special linings for the individual solution of corrosion problems with high chemical, mechanical and thermal loads.

In addition to the know-how, based on our many years of experience on national and international projects, we supply both the special materials and the appropriate assembly of these materials by our specialists.



Focus

We mainly deal with the so-called "Heavy corrosion protection".

Contrary to the "light corrosion protection", extremely high requirements are made on the protection systems, the type of the stresses are significantly more aggressive and the exposure time often represents a permanent load.

In addition, the processing of these protective systems requires Special expert knowledge of the assembly personnel beforehand.



References

Germany

Klärwerk Leverkusen Bürig

ENBW Heilbronn

AVG Hamburg

Uniper Kraftwerke Heyden/Petershagen

Befesa Salzschlacke GmbH Hannover

Heizkraftwerk ENBW Altbach/Deizisau

Kraftwerk Farke / Bremen

Volkswagen Hannover

AVG Köln

Kelheim Fibres GmbH

Venator Krefeld

Kraftwerk STEAG Walsum

Inseco Metalltechnik GmbH Ahaus

HAW Bockenheim

Peter Mahnke GmbH Kalübbe

Kraftwerk STEAG Bergkamen

MVA Bielefeld

Currenta Krefeld

Hüttenwerk Krupp Mannesmann GmbH Duisburg

Ineos Dormagen

Kaldewei GmbH Ahlen

Kronos Titan Leverkusen

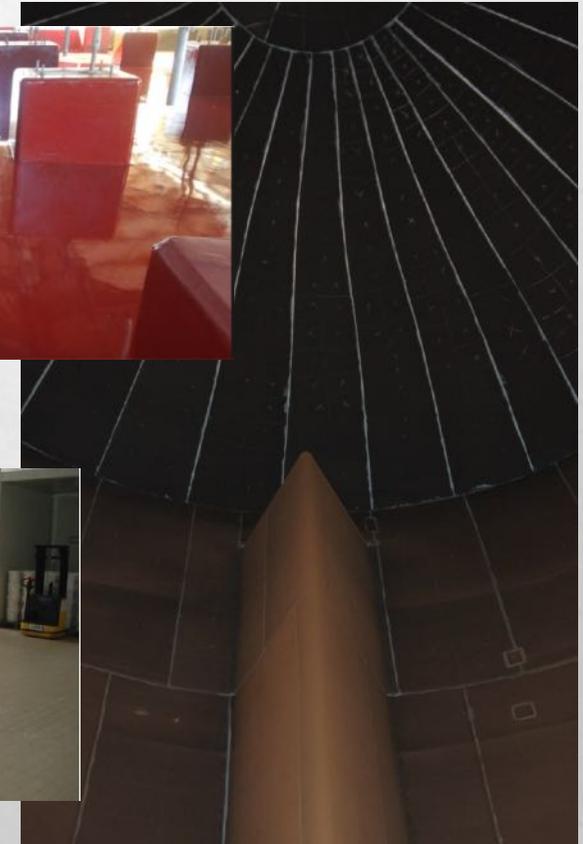
Lanxess Uerdingen

Momentive Leverkusen

AGR - RZR Herten

Venator Duisburg

Wacker Chemie AG Burghausen



Netherlands

AVR Amsterdam
AEB Amsterdam
Nyrstar Budel
RWE Geertruidenberg
Delamine BV Delfzijl

Belgium

Aperam Genk
Nyrstar Balen

Austria

Voest Alpine
Lenzing AG
AT&S Loeben
Maco Trieben

Poland

Kraftwerk Belchatow

Turkey

Tema Lastik Ankara
Eti Bakir Mazidagi
Bagfas Bandirma

Sweden

Ulinco Vultech Landvetter

Saudi Arabia

Acortec Jubail Industrial City
Acortec Abu Dhabi
Maaden Gold Saudi Arabien



Product and application portfolio

Tile laying / Brick Lining

The main task of tile and brick lining is to protect the sealing layer - consisting of a rubber or synthetic resin coating - against thermal and mechanical stress in chemically stressed containers, apparatus, pipelines, channels and pits. In addition, they increase the longevity of the corrosion protection system, as they prevent direct contact between the aggressive media and the sealing layer.

Bricks or tiles based on ceramic, carbon, graphite, cast basalt or silicon carbide are used, which are laid in synthetic resin mortars based on furan, phenol, vinyl ester and epoxy resins or based on silicates.

Synthetic resin mortars:

- ACOLIT CN
- ACOLIT FU / ACOLIT FU C
- ACOLIT HB
- etc.

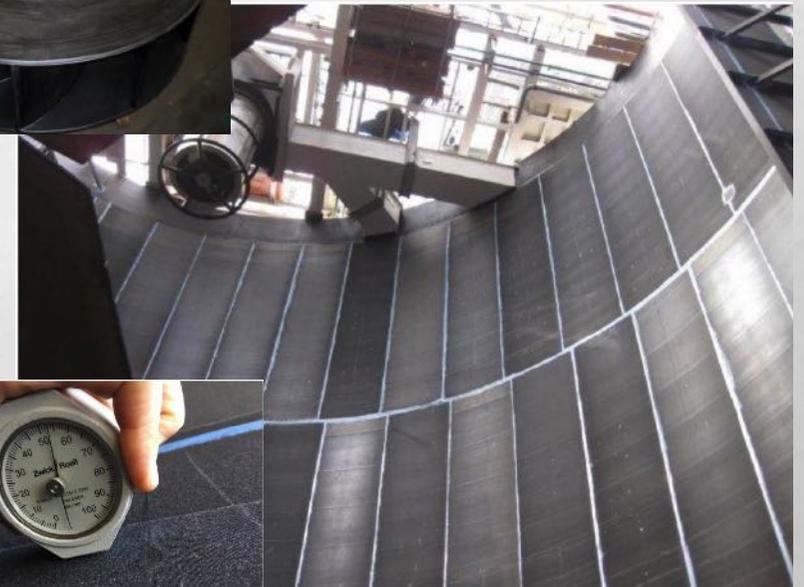


Rubber Lining

Rubber linings are used in a large number of different types for a wide variety of stresses. With our experienced staff, we process both hard and soft rubber linings based on the most common types of rubber, such as. :

Bromobutyl rubber (BIIR),
Chloroprene rubber (CR),
Natural rubber (NR),
Polyisoprene rubber (IR),
Styrene butadiene rubber (SBR) and many more.

The qualities mentioned can be applied both in the workshop as a so-called factory rubber coating and on site on large components as a construction site rubber coating.



Coatings

Acoserv GmbH offers high quality coatings based on epoxy, polyurethane, PMMA and vinyl ester resins.

Spray and laminate coatings, mainly based on vinyl ester, phenolic or furan resins and, in some cases, special epoxy resin formulations are used in the areas of process engineering plant components with permanent chemical and thermal loads.

In storage and transshipment areas, the coatings are mainly used on floor surfaces and upstands to protect against abrasion and short-term exposure to chemicals. These special systems, some of which are multilayered, are based primarily on PMMA, epoxy and polyurethane resins.

For certain purposes, multi-layer coating systems are required even without an additional, mechanical protective layer, e.g. for collecting cups of storage containers in the chemical-technical industry, which in some cases also have to meet the strict regulations of the Water Resources Act and be certified. Mainly epoxy and vinyl ester resins are used here.



Various Lining systems:

ACOLINE 40 Softrubber Lining (BIIR), uncured, self-curing, pre-vulcanized
ACOLINE 50 Softrubber Lining (BIIR), self-curing, pre-vulcanized
ACOLINE 70D Softrubber Lining (IIR/PVC), pre-vulcanized
ACOLINE 31 Hard Rubber Lining (NR/SBR), uncured

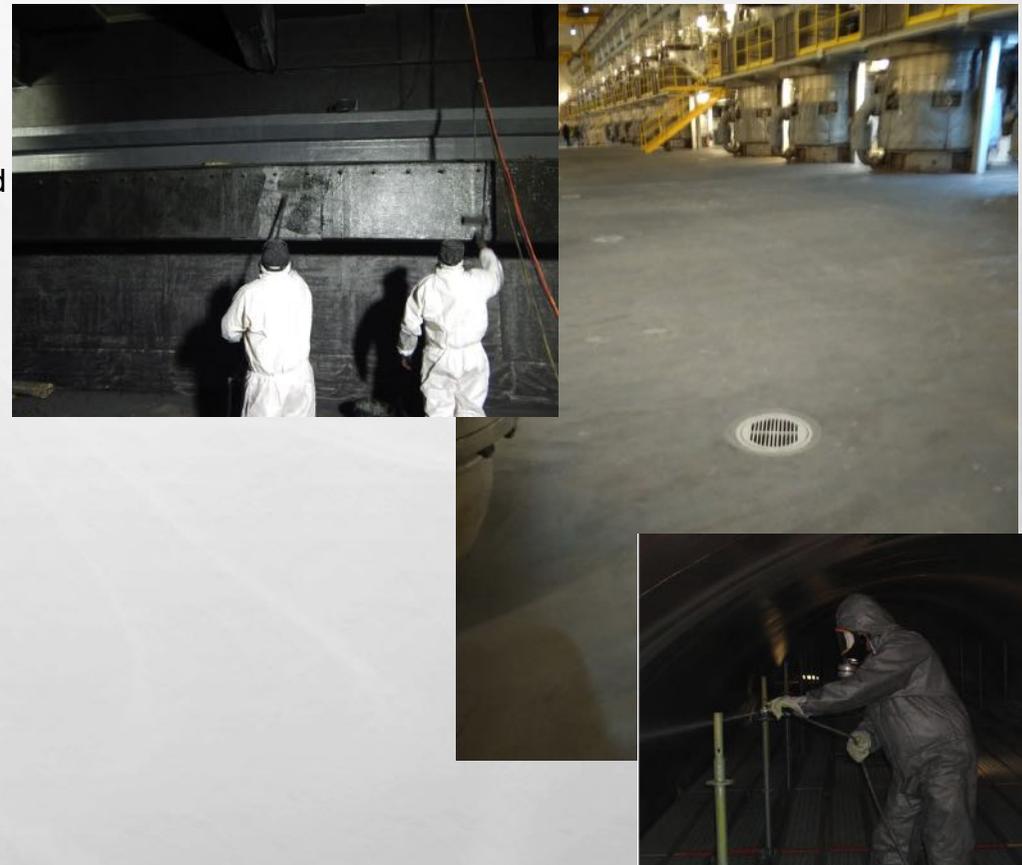
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ACOLIT CN, Phenolic Resin
ACOLIT FU, Furanic Resin
ACOLIT EP, Epoxy Resin
ACOLIT VE, Vinyl Ester Resin

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ACOPOX HR, Hard Rubber Paste

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Company Profile