



Industry & Communities

LIPP® Liquid Storage Tanks for waste water, sewage sludge, ...



Waste Water Tanks
Sewage Sludge Tanks
Firefighting Water Tanks
Mixing and Compensation Tanks
Process Water Tanks
Buffer Tanks
Water Tanks



Your anaerobic digester and tank specialist for individual solutions in various applications

LIPP® Liquid Storage Tanks from 100 to 10,000 m³

LIPP offers professional solutions for plant- and tank construction, for the storage and treatment of liquids as well as flexibility regarding the size, the choice of material and the equipment.

When constructing liquid storage tanks, the selection of the best material is an important quality factor. Municipal and industrial waste water and sludge or certain processing, intermediate and end products from the chemical, pharmaceutical and food processing industries set high requirements regarding the tank material. In particular, customers value the longevity of the tank solutions and the possibility of easily modifying them or fitting a wide variety of accessories during their service life.

LIPP is a certified specialised company and pays particular attention to the long service life of their products, professional execution and a solid construction to the last detail.



Inside view of LIPP tank
stainless steel VERINOX®
with stainless steel membrane cover



long operating life
fast and easy
tank insulation
+point

Technical Data

Diameter
Continuously variable
from 5 to 50 m

Height
continuously variable
from 3 to 35 m

Volume
from 100 to 10.000 m³

Media
pumpable substances of all sorts

pH level
from 3 to 13,
further on request

Exterior colour
freely selectable according
to RAL

Materials

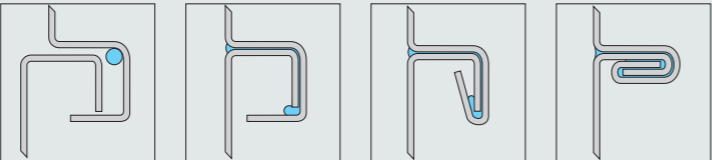
VERINOX® Stainless Steel
Duplex material from a galva-
nised steel band on the out-
side and a stainless steel band,
e.g. 1.4301 [304], 1.4571
[316Ti] or 1.4539 [904L],
on the medium side.

Stainless Steel
e.g. 1.4301 [304] or
1.4571 [316Ti]

Galvanized/Black Steel

Maximum Tightness

Depending on the area of appli-
cation different materials can
be chosen. That choice is based
on the properties of the liquids
and the structural requirements
relating to the tanks. LIPP has
an impressive record in terms
of leak-tightness, longevity and
professional design execution,
providing well thought-out,
solid finishing in every detail.



Applications

Waste Water Tanks
Sewage Sludge Tanks
Firefighting Water Tanks
Mixing and Compensation Tanks
Process Water Tanks
Buffer Tanks
Water Tanks

Equipment

Openings and leadthroughs
of any size and shape can be
installed, even in the event of
subsequent upgrades. There
is a wide range of peripheral
accessories available for the
technical equipment of the
tank:

Roofs and covers
Tank bottom
Pumping & mixing technology
Tank insulation
Stairways, ladders, platforms,
connection pieces, manholes,
etc.

Specialised company

Lipp is a certified specialised
company and paying particu-
lar attention to the durability
of its products, a professional
execution and a solid work-
manship in every detail.

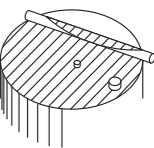
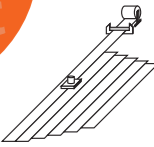


LIPP® stainless steel membrane cover easily spanning up to 50 m in diameter

The LIPP stainless steel membrane provides
the perfect solution for already existing
steel or reinforced concrete tanks.

A free-span light membrane construction
made of stainless steel allows spanning
tanks with up to 50 m in diameter. The
construction withstands snow loads and
winds.

The lightweight construction is also suita-
ble for sealing tanks containing volatile and
explosive substances.



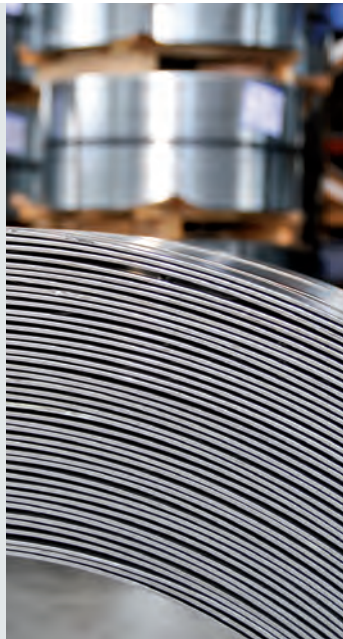
Complete
prefabrication of
the membrane
at the plant



UNIQUE //

The System

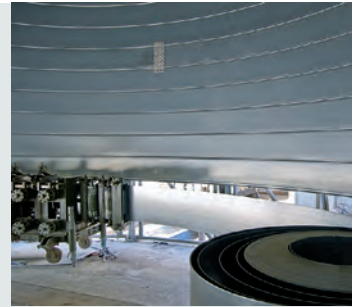
The system involves steel bands being interlinked by seams giving the inside of the tank an edgeless and smooth surface. Additionally, the LIPP Double-Seam System guarantees maximum tightness and stability. The LIPP System has already been successfully used in more than 80 countries.



VARIABLE //

Our Materials

Depending on the substrate-specific requirements, the spectrum ranges from galvanized steel to high-alloyed stainless steels (e.g. 304L [1.4301] or 316Ti [1.4571]). A special material, VERINOX®, was developed by LIPP and combines galvanized steel for the outside and stainless steel for the inside of the tank. After in-house production, the coiled material is delivered to the construction site.



FLEXIBEL //

The Assembly

The LIPP Double-Seam System is the fastest and easiest technique for the flexible construction of reliable containers and tanks at the customer's location. Characteristic of the system are the transportable assembly devices, allowing the construction of tanks by steel bands with varying diameter and height. The mostly automated production process permits a continuous variable installation within a short time. Prefabricated modules can be assembled subsequently. Thus, we guarantee high quality for each project – world-wide.

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LIPP-Double-Seam
high stability
without screwing
smooth finish

+point

Materials
versatile
superior quality
lower costs

+point

On-site Assembly
flexible sizes in diameter
and height
minimal installation space

+point