

Operating Manual

TRIPOND Liquid Pond Liner

Sealing coating for garden ponds

Version: 03/2025



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TRIPOND LIQUID POND LINER

Sealing coating for garden ponds

1. General information

This operating manual describes the intended use, substrate preparation, application, drying, safety information, disposal and technical labelling of TRIPOND Liquid Pond Liner.

This manual was created on the basis of the available label information, version 03/2025. For safety-relevant information, the labelling on the container, the current safety data sheet and the applicable regulations are authoritative.

The product may only be applied by persons who have read the instructions in this manual and observe the required protective measures. Children and unauthorised persons must be kept away from the work area.

EMERGENCY INFORMATION

WARNING

Poison emergency hotline of the Charité for Berlin and Brandenburg: 030 19240.

In the event of acute severe symptoms, fire, accident or immediate danger to life: 112.

2. Safety information

TRIPOND Liquid Pond Liner is classified as a hazardous substance. Application may only be carried out in compliance with the container labelling, the current safety data sheet and the locally applicable regulations.

Ensure good and adequate ventilation during application and drying. Keep away from sources of ignition. Keep the product out of the reach of children.

Wear suitable protective gloves, protective clothing, eye protection and face protection. Avoid contact with eyes, skin and clothing. Keep the container tightly closed and store in a well-ventilated place.

LABELLING	WORDING AS PER THE AVAILABLE LABEL INFORMATION
P102	Keep out of reach of children.
P280	Wear protective gloves, protective clothing, eye protection and face protection.
P262	Do not get in eyes, on skin or on clothing.
P233	Keep container tightly closed.
P403	Store in a well-ventilated place.

LABELLING

P501

WORDING AS PER THE AVAILABLE LABEL INFORMATION

Dispose of contents and container in accordance with local, regional, national and international regulations.

WARNING

H226: Flammable liquid and vapour.

H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

EUH066: Repeated exposure may cause skin dryness or cracking.

3. Product description and intended use

TRIPOND Liquid Pond Liner is a black, single-component, bitumen-like sealing coating for the seamless and water-neutral waterproofing of garden ponds and comparable basin surfaces.

The material adapts to different substrate shapes, absorbs thermal stresses in the concrete and, once fully dried, forms a robust, smooth surface that is easy to clean.

In the fully dried state, the coating can be walked on and is free of odour and taste as well as phenol-free. The fully dried coating is heat-resistant and resistant to inorganic and organic salts, aggressive water, carbonic acid and other weak inorganic acids.

The product is suitable as a sealing coating for garden ponds and basin surfaces made of suitable mineral or metallic substrates. It can be used on concrete, stone and metal, provided the substrate is appropriately prepared, dry, clean, solid and load-bearing.

- Easy application by brush, roller or airless spray.
- Suitable for prepared substrates of concrete, stone and metal.
- Food-safe after drying in accordance with the KTW recommendation as per the available label information.

NOTE

Do not apply to damp, loose, oily, greasy, dusty or non-load-bearing substrates. Negative-side water must be avoided, as moisture penetrating from the outside can push the liquid liner off the substrate.

4. Substrate requirements

The substrate must be clean, dry, free of oil and grease, and solid and load-bearing. Loose particles must be removed completely.

Defects in masonry or concrete must be repaired with suitable mortar. Adjacent metal surfaces must be de-rusted by hand where necessary, at least to standard cleanliness grade C St 2.

As a basic principle, the substrate to be sealed must not allow water to pass through. For concrete basins, watertight WU concrete with a thickness of at least 10 cm is recommended.

Masonry basins must be sealed on the outside according to the relevant load case. In the case of wide joints, a full-surface sealing slurry must be applied on the inside, ideally a flexible sealing slurry.

WARNING

Negative-side water, i.e. moisture penetrating from the outside, must be avoided. It can cause the liquid liner to be pushed off the substrate.

5. Primer coat

A primer coat is required in all cases. It reduces the risk of dusty or soiled substrates later causing the liquid liner to flake off.

For the primer coat, TRIPOND Liquid Pond Liner is thinned with universal thinner. The components must be mixed thoroughly.

COMPONENT	QUANTITY FOR 1 LITRE OF PRIMER
TRIPOND Liquid Pond Liner	800 ml
Universal thinner	200 ml

NOTE

Example: for 1 litre of primer, mix 800 ml of liquid liner and 200 ml of universal thinner thoroughly.

6. Application

Before coating, the surfaces must be dry, clean and dust-free. Laitance layers must be removed. Sandblasting is recommended for cleaning the substrate.

After cleaning, the substrate is given a thin primer coat as described.

TRIPOND Liquid Pond Liner is then applied to the prepared, dry and dust-free substrate in three coats. Suitable methods are brushing, rolling or airless spray.

A second and third coat may only be applied once the previous coat has dried completely. Experience shows that a waiting time of one day should be observed between the individual coats.

Vertical surfaces must always be coated from the bottom upwards.

STEP	PROCEDURE
1. Clean substrate	Dry, clean, dust-free, load-bearing; remove laitance layers.
2. Primer coat	Apply a thin primer of diluted TRIPOND Liquid Pond Liner.
3. First coat	Apply to the prepared, dry substrate.
4. Second coat	Apply only after the previous coat has dried completely.
5. Third coat	Apply only after the previous coat has dried completely.

7. Recommended use with hardener

For a shorter drying and curing time as well as increased resistance, application in combination with TRIPOND Hardener for Liquid Pond Liner is recommended.

The hardener is mixed in thoroughly according to its separate operating manual. When using the hardener, the application and safety instructions given there also apply.

SPECIFICATION	VALUE / NOTE
Mixing ratio	3 parts by volume TRIPOND Liquid Pond Liner to 1 part by volume TRIPOND Hardener
Pot life	Use the mixed material within 2 hours
Additional document	Observe the separate operating manual for the hardener

WARNING

The mixed material must be used within 2 hours. Do not use it after that, unless the separate hardener manual specifies otherwise.

8. Connections, inlets and bottom drains

Connections such as inlets and bottom drains must be carefully sealed with TRIPOND Universal Sealing and Adhesive Compound with an expansion joint before the liquid liner is applied.

The liquid liner is then coated over this joint and the flange. This integrates critical connection areas into the coating system.

9. Drying, filling and load capacity

With correct application, the drying time is approximately 1 to 2 days. It depends on weather and temperature and may therefore vary.

Coated basins and ponds may only be filled after the coating has dried completely.

Full loading of the finished product is recommended only after 7 days.

SPECIFICATION	VALUE / NOTE
Drying time	approx. 1 to 2 days with correct application; depends on weather and temperature
Filling	Only after the coating has dried completely
Full loading	Recommended only after 7 days

10. Application temperature and ventilation

The recommended application temperature is between 5 °C and 35 °C.

Do not apply the product to surfaces that are too hot or on hot summer days. Direct, intense sunlight must be avoided during application.

Ensure good and adequate ventilation during application and drying.

SPECIFICATION	VALUE / NOTE
Application temperature	5 °C to 35 °C
Hot surfaces	Do not apply to surfaces that are too hot
Sunlight	Avoid direct, intense sunlight during application
Ventilation	Ensure good and adequate ventilation

11. Cleaning and maintenance

The fully dried coating forms a robust, smooth surface that is easy to clean.

Inspect coated surfaces visually at regular intervals. Mechanical damage, detachment or leaking connection areas must be properly repaired before further use.

Only suitable methods and materials compatible with the coating system may be used for cleaning and repair work.

12. Faults, causes and remedies

FAULT / OBSERVATION	POSSIBLE CAUSE	REMEDY / CHECK
Coating does not adhere sufficiently	Substrate dusty, soiled, damp, loose or non-load-bearing; primer coat missing	Check the substrate, remove loose particles, clean properly and apply the required primer coat.
Liquid liner flaking off	Dusty or soiled substrates; missing or unsuitable primer coat	Remove the damaged area properly, prepare the substrate and rebuild the coating system.
Detachment from the substrate	Negative-side water or moisture penetrating from the outside	Eliminate the cause of the moisture; check the external waterproofing according to the load case.
Drying takes longer than expected	Unfavourable weather, temperature, coat thickness or ventilation	Only continue work or fill once fully dried; ensure adequate ventilation.
Leak at inlets or bottom drains	Connection area not sufficiently integrated with an expansion joint and sealing/adhesive compound	Check the connection area and seal it properly with TRIPOND Universal Sealing and Adhesive Compound before coating.

13. Disposal

Empty cans must be sent for waste disposal.

Material residues belong in hazardous waste. Disposal is carried out in accordance with the applicable regulations.

Dispose of contents and container in accordance with local, regional, national and international regulations.

WARNING

Harmful to aquatic life with long lasting effects. Do not allow the product or residues to enter water bodies, drains or soil.

14. Technical data and labelling

SPECIFICATION	VALUE / NOTE AS PER THE AVAILABLE LABEL INFORMATION
Product type	Black, single-component, bitumen-like sealing coating
Area of application	Garden ponds and comparable basin surfaces
Suitable substrates	Concrete, stone and metal with suitable preparation
Application	Brushing, rolling or airless spray
Number of coats	Three coats after the primer
Hazard-determining components	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, aromatics (<2 %)
GISCODE	BBP 20, bitumen compounds, low in aromatics, solvent-based
Water hazard class	WGK 2, hazardous to water only in the liquid state
ChemVOCFarbV	Product category g: sealing primers
VOC limit value	350 g/l in accordance with Annex II
VOC content	maximum 340 g/l
UFI	N600-6054--600X-5CJ5

15. Accessories and complementary products

PRODUCT / MATERIAL	USE
Universal thinner	Thinning of TRIPOND Liquid Pond Liner for the primer coat
TRIPOND Hardener for Liquid Pond Liner	Recommended addition for a shorter drying and curing time as well as increased resistance
TRIPOND Universal Sealing and Adhesive Compound	Sealing of inlets, bottom drains and connection areas with an expansion joint
Suitable mortar	Repair of defects in masonry or concrete
Flexible sealing slurry	Recommended for wide joints in masonry basins as a full-surface internal seal

16. Warranty, liability and technical changes

Proper function requires correct substrate preparation, application and complete drying in accordance with this manual as well as with the container labelling and the current safety data sheet.

Deviating substrates, insufficient sealing against negative-side water, application outside the recommended temperature ranges or filling before complete drying can impair function.

Technical changes, changes to the labelling and adaptations to legal requirements are subject to change. The respective current product labelling is authoritative.

17. Contact

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59519 Möhnesee

Germany

Tel.: +49 2924 87750

Email: info@aqualogistik.com

If you have questions about application, please contact the TRIPOND hotline: +49 (0) 29 24 - 87 75-25. Standard call charges from the German landline network apply; mobile rates may differ.

18. Personal installation data / notes

SPECIFICATION	ENTRY
Project / installation	
Application date	
Substrate	
Batch used	
Applicator / specialist company	
Special notes	