

**MUREXIN**

# LVT Coverings in Wetrooms

Laying and jointing | System structure  
Tips & Tricks | Products

Parquet and flooring system



**It lasts.**

# MUREXIN

## LVT systems

New installation materials are increasingly finding their way into bathrooms, offering greater variety and freedom in the design of areas exposed to moisture: design meets functionality, durability and hygiene.



## Laying systems for designed flooring

New possibilities in the bathroom, etc.

Wet rooms are increasingly being fitted with design or LVT coverings (LVT = Luxury Vinyl Tile). Not only in the dry or light splash areas, but also in areas with direct exposure to water. In addition to their excellent material properties, these coverings also have a lot to offer in terms of their appearance: this ranges from deceptively real parquet and stone looks to highly creative patterns and shapes. The variety of design options opens up a highly customized appearance of the bathroom as a place of well-being. Furthermore, these coverings are not only visually appealing; they are also waterproof, water-repellent and easy to clean, thus ensuring a high level of hygiene. However, use in the immediate shower area requires careful planning and the use of technically sound and coordinated system products. After all, you want to retain the appearance and functionality for years to come. With the **MUREXIN** LVT systems and the corresponding system products, you are always on the safe side when using LVTs in wetrooms.

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# Shower System LVT - System 1

## SIMPLE AND QUICK

**SHOWER SYSTEM LVT** is the complete solution for laying LVTs in wetrooms. The **MUREXIN** Sealing Membrane **AE 100**, the associated sealing tape and the special moulded parts, such as internal and external corners and pipe breakthroughs are glued to the substrate with the rollable and spatula-applicable, cementitious **MUREXIN** Pro Sealing Film Rapid **Maximo PSM 1 K**. The LVT flooring is glued with the **MUREXIN** Design Flooring Adhesive **X-Bond MS-K 499**. The system can be rounded off with the special joint mortar **MUREXIN** Joint Mortar Epoxy **FMY 90** and the **MUREXIN** Polyurethane Sealant **PU 40**.

### Usage area

- Shower cabins
- Walls and floors

### System features & benefits

- easy and quick processing
- waterproof and water-repellent
- hygienic, due to its easy-to-clean properties



## Shower System LVT

### 1 Sealing

**MUREXIN** Sealing Membrane **AE 100**  
**MUREXIN** Pro Sealing Film Rapid **PSM 1K**  
**MUREXIN** Sealing Tape and Moulded Components

### 2 Bonding and laying

**MUREXIN** Special Design Flooring Adhesive  
**X-Bond MS-K 499** or  
**MUREXIN** Adhesive **2K PU 330** or  
**MUREXIN** Adhesive **X-Bond MS-K 530**

### 3 Design

**MUREXIN** Grout **FMY 90**

### 4 Sealing

**MUREXIN** Polyurethane Sealing **PU 40**

## Guide for processing

### Secure sealing

1. Apply the rollable or trowelable **MUREXIN** Pro Sealing Film Rapid **Maximo PSM 1K**
  2. Bond the **MUREXIN** Waterproofing Membrane **AE 100** with **MUREXIN** Pro Sealing Film Rapid **Maximo PSM 1K**
  3. Lay the **MUREXIN** Sealing Tape and moulded components (**inner corner & sealing sleeve**)
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### Secure bonding and laying

4. Bond the LVT with **MUREXIN** Special Design Flooring Adhesive **X-Bond MS-K 499** or **MUREXIN** Adhesive **2K PU 330** or **MUREXIN** Adhesive **X-Bond MS-K 530**
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### Customized design – easy jointing (optional)

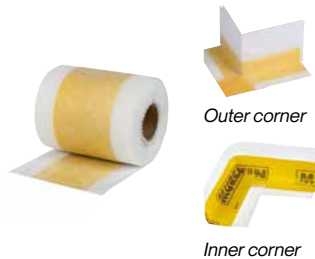
5. Grout with **MUREXIN** Grout Epoxy **FMY 90** - the accent strip for LVT for deceptively real tile imitation
  6. Seal with **MUREXIN** Sanitary Silicone Pro **SIL 65**
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### Additional sealing (optional)

7. Additionally seal with **MUREXIN** Polyurethane Sealing **PU 40**

# Products structure 1

## Sealing



### Sealing and decoupling membrane **AE 100**

Waterproof, tension relieving, flexible, crack-bridging, alkali-resistant sealing and decoupling membrane for safe surface sealing in conjunction with tiles, boards and natural stone. Especially suited for rapid further processing, while at the same time guaranteeing an even layer thickness! For producing a compound seal inside and outside directly under the ceramic covering for the wall and floor area, showers, domestic baths, public as well as private balconies and terraces as well as in commercial kitchens.

### Sealing tape

Fabric-reinforced, elastic sealing tape with a fabric-free zone, fabric edge protruding on both sides, fleece coating on both sides for optimum embedding, water-impermeable, chemically-resistant to diluted acids, lyes, and saline solutions. System components for sealing in wall and floor areas, both indoors as well as outdoors. For bridging and sealing connecting and corner joints. Also suitable for swimming pools.

### Sealing collar

Sealing collar lined with fleece on both sides and with very elastic expansion zone to absorb movements. In this way it is possible to seal different pipe diameters. **MUREXIN** sealing collars are water-impermeable, as well as chemically resistant to diluted acids, lyes and saline solutions. System components for sealing water inflow/drains in conjunction with **MUREXIN** sealing products or systems.



## Adhesion



### Pro sealing film rapid **Maximo PSM 1K**

Quick hardening, high yield, hydraulically setting, solvent-free, water-impermeable, but still water vapour permeable, flexible single-component sealing slurry for the creation of seamless and jointless compound seals for the wall and floor area of indoor and outdoor areas, for jointless sealing of wall and floor area directly under the ceramic covering. For application on balconies, terraces and swimming pools (down to 4 m) as well as underfloor heating systems. Tiling is possible after three hours.



### Special design covering adhesive **X-Bond MS-K 499**

Single-component special adhesive tested according to DIN EN 14259 on STP base for adhesion of LTV design covers, homogeneous and heterogeneous PVC covers in membranes and tiles, CV covers, rubber coverings in membranes and tiles (up to 10 mm, higher covering thicknesses in consultation), protective barriers and artificial turf surfaces. For bonding of absorbent and non-absorbent substrates indoors and outdoors. Especially for increased thermal and mechanical loads. Waterproof and weather-resistant.



### Adhesive **2K PU 330**

Solvent-free, elastic hardening two-component adhesive based on polyurethane. Waterproof and weather-resistant. Indoors and outdoors for laying high-load rubber, PVC, outdoor and sports facility coverings, as well repair adhesive for concrete, ceramics, stone, wood and many other building materials.



## Adhesion



### Adhesive X-Bond MS-K 530

High-quality, single-component, shear-resistant, water and solvent-free parquet adhesive based on MSP technology. Free from migratory components. Suitable for all substrates and for all types of parquet. For gluing strip parquet in accordance with DIN EN 13226, edgewise in accordance with DIN EN 14761, mosaic parquet in accordance with DIN EN 13488, lam parquet in accordance with DIN EN 13489, solid boards, double- and triple-layer parquet, and table parquet. Suitable for underfloor heating systems.



## Joints (optional)



### Epoxy grout FMY 90

Food-safe, waterproof, frost-proof, solvent-free, bacteriostatic, temperature, resistant to ageing and chemicals, 2-component grout based on epoxy resin. Grouting of ceramic tiles, boards and mosaics in indoor and outdoor wall and floor areas. Especially suitable for use with aggressive waters, plant-based or animal fats and chemicals, as well as in drinking water containers. The Epoxy grout **FMY 90** is also suitable for adhesion and levelling.



### Special sealant X-Bond MS-D 81

Single-component, solvent, and silicone-free, odour-neutral, UV, and weather-resistant, waterproof, up to 20% permanently flexible sealing compound based on MS polymer. Resistant to fungi and bacteria. Can be used indoors and outdoors for closing expansion joints and wall and floor niches in ceramic coverings, as well as closing joints between tile covering and foreign materials. The special adhesive can be painted over and is suitable for adhesion.



## Joints (optional)



### Sanitary Silicone Pro SIL 65

Single component, solvent-free, UV, ageing and weather-resistant, waterproof, colour-stable, elastic sealant on acid-crosslinking silicone base with good chemical resistance. Suitable indoors and outdoors for sealing expansion joints and wall and floor niches in ceramic coverings, as well as sealing joints between tile covering and foreign materials.



### Universal Smoother UG 1

**MUREXIN** Universal Smoother **UG 1** is used for smoothing all **MUREXIN** silicone and polyurethane seals as well as **MUREXIN** natural stone silicones. Indoors and outdoors. **MUREXIN** Universal Smoother has the property of changing the surface tension of the sealants used in such a way that the pasty masses can be deformed without problems. This is not possible with water alone. Also recommended as a washing aid when grouting with Epoxy grout **FMY 90** (mixing ratio: 1 part Universal Smoother UG 1 to 10 parts water).



## Sealing (optional)



### Polyurethane sealing PU 40

Solvent-free, matt, two-component, yellowing- and weather-resistant seal based on polyurethane resin. Colour coverage or transparent for areas with light to medium load. Indoors and outdoors for seals which can be walked on with light to moderate mechanical stress on suitable mineral and epoxy resin substrates.



# Shower System LVT - System 2

## SIMPLE AND QUICK

**SHOWER SYSTEM LVT** is the complete solution for laying LVTs in wetrooms. The **MUREXIN** Pro Sealing Film Rapid Maximo **PSM 1 K**, the associated sealing tape and the special moulded parts, such as internal and external corners and pipe breakthroughs, form the waterproof layer and therefore prevent serious moisture damage. The LVT flooring is bonded using the **MUREXIN** Design Flooring Adhesive **X-Bond MS-K 499**. The system can be rounded off with the special joint mortar **MUREXIN** Joint Mortar Epoxy **FMY 90** and the **MUREXIN** Polyurethane Sealant **PU 40**.

### Usage area

- Shower cabins
- Walls and floors

### System features & benefits

- easy and quick processing
- waterproof and water-repellent
- hygienic, due to its easy-to-clean properties



## Shower System LVT

### 1 Sealing

**MUREXIN** Sealing Membrane **AE 100**  
**MUREXIN** Pro Sealing Film Rapid **PSM 1K**  
**MUREXIN** Sealing Tape and Moulded Components

### 2 Bonding and laying

**MUREXIN** Special Design Flooring Adhesive  
X-Bond **MS-K 499** or  
**MUREXIN** Adhesive **2K PU 330** or  
**MUREXIN** Adhesive **X-Bond MS-K 530**

### 3 Design

**MUREXIN** Grout **FMY 90**

### 4 Sealing

**MUREXIN** Polyurethane Sealing **PU 40**



## Guide for processing

### Secure sealing

1. Apply the rollable or trowelable **MUREXIN** Pro Sealing Film Rapid **Maximo PSM 1K**
  2. Don't forget to use **MUREXIN** Sealing Tape and moulded components (**inner corner & sealing sleeve**).
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### Secure bonding and laying

3. Bond the LVT with **MUREXIN** Special Design Flooring Adhesive **X-Bond MS-K 499** or **MUREXIN** Adhesive **2K PU 330** or **MUREXIN** Adhesive **X-Bond MS-K 530**
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### Customized design – easy jointing (optional)

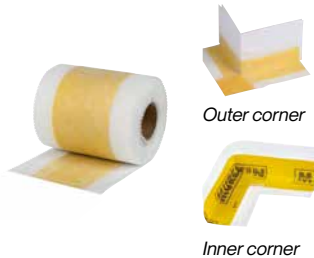
4. Grout with **MUREXIN** Grout Epoxy **FMY 90** - the accent strip for LVT for deceptively real tile imitation
  5. Seal with **MUREXIN** Sanitary Silicone Pro **SIL 65**
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### Additional sealing (optional)

6. Additionally seal with **MUREXIN** Polyurethane Sealing **PU 40**

# Products structure 2

## Sealing



### Pro sealing film rapid Maximo PSM 1K

Quick hardening, high yield, hydraulically setting, solvent-free, water-impermeable, but still water vapour permeable, flexible single-component sealing slurry for the creation of seamless and jointless compound seals for the wall and floor area of indoor and outdoor areas, for jointless sealing of wall and floor area directly under the ceramic covering. For application on balconies, terraces and swimming pools (down to 4 m) as well as underfloor heating systems. Tiling is possible after three hours.

### Sealing tape

Fabric-reinforced, elastic sealing tape with a fabric-free zone, fabric edge protruding on both sides, fleece coating on both sides for optimum embedding, water-impermeable, chemically-resistant to diluted acids, lyes, and saline solutions. System components for sealing in wall and floor areas, both indoors as well as outdoors. For bridging and sealing connecting and corner joints. Also suitable for swimming pools.

### Sealing collar

Sealing collar lined with fleece on both sides and with very elastic expansion zone to absorb movements. In this way it is possible to seal different pipe diameters. **MUREXIN** sealing collars are water-impermeable, as well as chemically resistant to diluted acids, lyes and saline solutions. System components for sealing water inflow/drains in conjunction with **MUREXIN** sealing products or systems.



## Bonding

## optional bonding



### Special design covering adhesive X-Bond MS-K 499

Single-component special adhesive tested according to DIN EN 14259 on STP base for adhesion of LTV design covers, homogeneous and heterogeneous PVC covers in membranes and tiles (up to 10mm, higher covering thicknesses in consultation), protective barriers and artificial turf surfaces. For bonding of absorbent and non-absorbent substrates indoors and outdoors. Especially for increased thermal and mechanical loads. Waterproof and weather-resistant.

### Adhesive X-Bond MS-K 530

High-quality, single-component, shear-resistant, water and solvent-free parquet adhesive based on MSP technology. Free from migratory components. Suitable for all substrates and for all types of parquet. For gluing strip parquet in accordance with DIN EN 13226, edgewise in accordance with DIN EN 14761, mosaic parquet in accordance with DIN EN 13488, lam parquet in accordance with DIN EN 13489, solid boards, double- and triple-layer parquet, and table parquet. Suitable for underfloor heating systems.

### Adhesive 2K PU 330

Solvent-free, elastic hardening two-component adhesive based on polyurethane. Waterproof and weather-resistant. Indoors and outdoors for laying high-load rubber, PVC, outdoor and sports facility coverings, as well repair adhesive for concrete, ceramics, stone, wood and many other building materials.



## Joins (optional)



### Epoxy grout **FMY 90**

Food-safe, waterproof, frost-proof, solvent-free, bacteriostatic, temperature, resistant to ageing and chemicals, 2-component grout based on epoxy resin. Grouting of ceramic tiles, boards and mosaics in indoor and outdoor wall and floor areas. Especially suitable for use with aggressive waters, plant-based or animal fats and chemicals, as well as in drinking water containers. The Epoxy grout **FMY 90** is also suitable for adhesion and levelling.



### Special sealant **X-Bond MS-D 81**

Single-component, solvent, and silicone-free, odour-neutral, UV, and weather-resistant, waterproof, up to 20% permanently flexible sealing compound based on MS polymer. Resistant to fungi and bacteria. Can be used indoors and outdoors for closing expansion joints and wall and floor niches in ceramic coverings, as well as closing joints between tile covering and foreign materials. The special adhesive can be painted over and is suitable for adhesion.



## Joins (optional)



### Sanitary Silicone Pro **SIL 65**

Single component, solvent-free, UV, ageing and weather-resistant, waterproof, colour-stable, elastic sealant on acid-crosslinking silicone base with good chemical resistance. Suitable indoors and outdoors for sealing expansion joints and wall and floor niches in ceramic coverings, as well as sealing joints between tile covering and foreign materials.



### Universal Smoother **UG 1**

**MUREXIN** Universal Smoother **UG 1** is used for smoothing all **MUREXIN** silicone and polyurethane seals as well as **MUREXIN** natural stone silicones. Indoors and outdoors. **MUREXIN** Universal Smoother has the property of changing the surface tension of the sealants used in such a way that the pasty masses can be deformed without problems. This is not possible with water alone. Also recommended as a washing aid when grouting with Epoxy grout **FMY 90** (mixing ratio: 1 part Universal Smoother UG 1 to 10 parts water).



## Sealing (optional)



### Polyurethane sealing **PU 40**

Solvent-free, matt, two-component, yellowing- and weather-resistant seal based on polyurethane resin. Colour coverage or transparent for areas with light to medium load. Indoors and outdoors for seals which can be walked on with light to moderate mechanical stress on suitable mineral and epoxy resin substrates.



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Subject to typesetting and printing errors. **Edition: 01/2024.** We would like to point out that the photos used are only symbolic photos and that these objects do not require our products but only demonstrate areas of application, unless they are explicitly mentioned as reference objects.

## It lasts.