A modern bathroom with a shower system, toilet, and bathtub. The shower system is the main focus, featuring a large rain showerhead and a handheld showerhead. The bathroom is tiled with light-colored tiles and has a glass shower enclosure. A white toilet and a white bathtub are also visible. A pink bath mat is on the floor. The text "Shower System 4 LVT" is overlaid on a blue background in the upper right, and "Installation Process" is overlaid on a red background below it.

# *Shower System* **4 LVT**

Installation Process

*Shower System 4 LVT* is a system of high-performance installation products designed to facilitate the use of LVT in wet environments such as tub surrounds, steam rooms and shower enclosures. The system provides for a secure waterproof bond, waterproof seal and anti-slip coating.

## **Shower System 4 LVT installation process for new construction**

- 1** Create the enclosure of the tub surround or shower enclosure using building-code-approved materials such as cement boards or waterproof backer boards.



- 2** Install drain fittings according to building code requirements and build shower base using *Planislope™ RS* polymer-modified sloping mortar.



- 3** Apply two coats of *Mapelastic® AquaDefense* waterproofing and crack-isolation membrane per instructions outlined in the Technical Data Sheet.

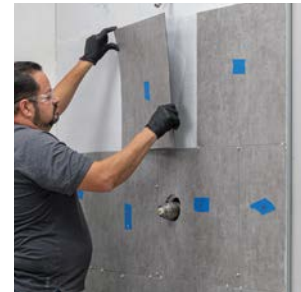


- 4** Smooth any irregularities on all surfaces using *Planiprep® 4 LVT*. Apply *Planiprep 4 LVT* using a flat trowel or putty knife and feather it to a smooth surface. Allow *Planiprep 4 LVT* to dry for about 2 hours and then sand it with a mechanical sander with an appropriate dust extraction system until the application is smooth and flat. (A second coat of *Planiprep 4 LVT* may be required for deep depressions.)





- 5** Apply **Ultrabond ECO® MS 4 LVT Wall** to the prepared surface using the appropriate trowel notch and begin to place LVT. Note: Only apply as much adhesive as can be installed over within 45 minutes. Use tile spacers as needed based on the desired visual appearance. Make sure to keep all grout joints clean of excess adhesive.



- 6** After 12 to 24 hours of curing, grouting can be performed using **MAPEI Flexcolor® CQ**. Install **MAPEI Flexcolor CQ** in accordance with the guidelines outlined in the Technical Data Sheet. Make sure to clean any and all **MAPEI Flexcolor CQ** residue from the surface of the LVT, as this will be very difficult to remove once it has cured.



- 7** After allowing the grout to cure for 12 hours, apply **Mapecoat™ 4 LVT** (in the selected gloss level). Open the **Mapecoat 4 LVT** kit and gently shake Part A for one minute. Pour Part A into an unused, clean mixing pail. Add Part B to Part A and mix using a Jiffy mixer and drill motor at low speed for at least 1 minute. Apply **Mapecoat 4 LVT** to all exposed surfaces of the installed LVT using a 1/4" (6-mm) nap, high-quality roller. Allow **Mapecoat 4 LVT** to dry 24 hours before any water exposure.







## Shower System 4 LVT installation process for retrofitting over existing ceramic, porcelain or stone tile

- 1 Thoroughly clean the tile surface, removing all soap scum, dirt, debris and anything else that could act as a bond breaker.



- 2 Smooth any irregularities on the surface using **Planiprep® 4 LVT**. Apply **Planiprep 4 LVT** using a flat trowel or putty knife and feather to a smooth surface. Allow **Planiprep 4 LVT** to dry for about 2 hours. Sand it with a mechanical sander and appropriate dust extraction system until it is smooth and flat. (A second coat of **Planiprep 4 LVT** may be required for deep depressions.)



- 3 Apply **Ultrabond ECO® MS 4 LVT Wall** to the prepared surface using the appropriate trowel notch and being to place LVT. Apply as much adhesive that can be installed within 45 minutes. Use tile spacers as needed based on the desired visual appearance. Make sure to keep all grout joints clean of excess adhesive.





**4** After 12 to 24 hours of curing, grouting can be performed using **MAPEI Flexcolor® CQ**. Install **MAPEI Flexcolor CQ** in accordance with the guidelines outlined in the Technical Data Sheet. Make sure to clean any and all **MAPEI Flexcolor CQ** residue from the surface of the LVT, as this will be very difficult to remove once it has cured.



**5** After allowing the grout to cure for 12 hours, apply **Mapecoat™ 4 LVT** (in the selected gloss level). Open the **Mapecoat 4 LVT** kit and gently shake Part A for one minute. Pour Part A into an unused, clean mixing pail. Add Part B to Part A and mix using a Jiffy mixer and drill motor at low speed for at least 1 minute. Apply **Mapecoat 4 LVT** to all exposed surfaces of the installed LVT using a 1/4" (6-mm) nap, high-quality roller. Allow **Mapecoat 4 LVT** to dry 24 hours before any water exposure.





MAPEI USA  
MAPEI Caribe  
MAPEI Canada

#### **MAPEI Headquarters of North America**

1144 East Newport Center Drive  
Deerfield Beach, Florida 33442  
1-888-US-MAPEI (1-888-876-2734) /  
(954) 246-8888

#### **Technical Services**

1-800-992-6273 (U.S. and Puerto Rico)  
1-800-361-9309 (Canada)

#### **Customer Service**

1-800-42-MAPEI (1-800-426-2734)

#### **Services in Mexico**

0-1-800-MX-MAPEI (0-1-800-696-2734)

Copyright ©2022 by MAPEI Corporation (“MAPEI”) and all rights are reserved. All intellectual property rights and other information contained in this document are the exclusive property of MAPEI (or its parent or related companies), unless otherwise noted. No part of this document may be reproduced or transmitted in any form without the prior written consent of MAPEI.

Printed in the USA.

