

## **Mounting instructions LS- series (for side sealing of docks and ramps))**

### **Application L-serie gap seal for side of dock levellers**

1. Bring the loading ramp to the highest position. Secure this position with the main switch.
2. Place the maintenance bar in the intended position under the dock leveller. (Safety)
3. Remove the existing seal including all pre-fitted fixings! (The installation surface must be at least flat and stainless without rust)
4. Remove old rivets and screws.
5. Old warning stickers only need to be removed if they are loose.
6. Clean a strip of at least 120mm high along the full length of the side of the dock leveller, parallel to the cover plate. Clean this thoroughly with commercially available grease and dirt remover (e.g. brake cleaner).
7. In extreme cases, rust stains should be treated with a wire brush to remove loose material. Always create a flat surface with the Flex. This is necessary for optimal magnetic adhesion
8. Clean the floor around the loading ramp with a broom before starting to install the seal.
9. Make sure that there are no metal parts/residues, as these will immediately adhere to the magnet and weaken the magnetic force!
10. Place the LS-serie side seal with the magnet facing up, next to the gap, on the floor to the loading ramp.

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11. Start lateral mounting against the side of the loading ramp



12. In order to do this, it may be necessary to lower the seal or to remove the upper part of the LS-seal with a pair of scissors.

13. Lift the LS-seal and push it into the opening at the rear and magnetic side towards the plateau until it is parallel with the dockleveller deck.



14. Turn the LS-seal further around and place it parallel to or just below the edge of the deck plate. The magnet should rest flat on the entire surface. Make sure that there are no unevenness in the surface.

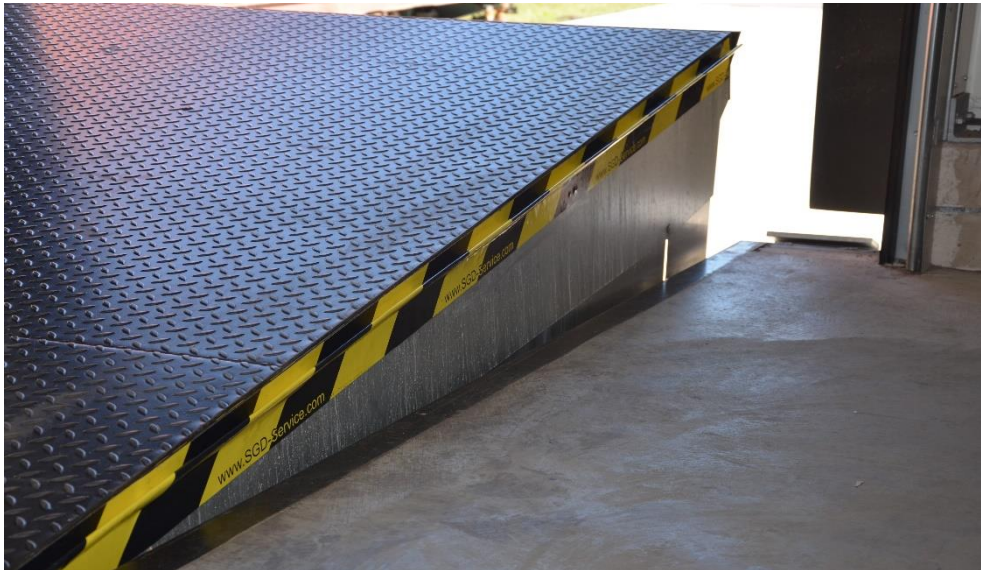
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15. The LS-seal must be mounted at least 50 mm past the sectional door. The excess length, if any, can be fitted with a standard scissors are shortened.
16. To close, press firmly with a cloth over the entire length of the seal both below and above the loop to give the magnet the necessary final adhesion.



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17. Cleaning:

With commercially available hand cleaners and/or water.

18. Repair in case of damage:

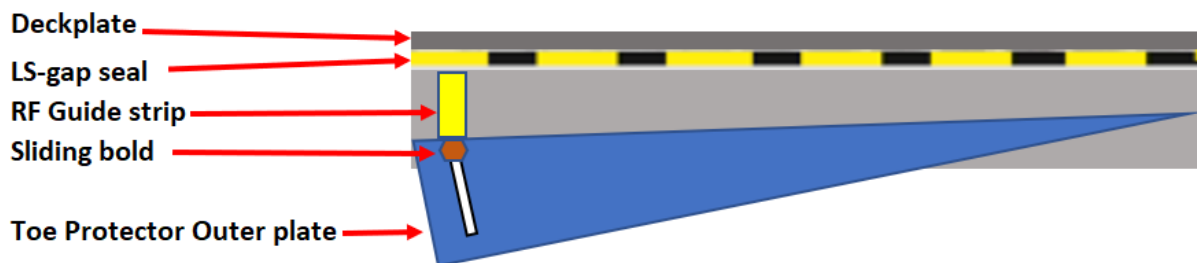
If the L seal cracks or breaks during use, the repair can be done within 1 minute: „Place both parts on top of each other and cut the seal straight. the sides form a suitable edge. If necessary, glue a piece as a bridge into one of the loose seal to connect both loose parts. The individual parts may not be shorter than 600 mm.“

If you have any questions or need help, you can also watch our installation video at [www.em-flex.eu](http://www.em-flex.eu) or call us directly.

## Important!

**Installation requirement for dock levellers with toe protector**  
*(in case of toe protection / outer plate, the L-serie gap seal might be pushed off when the dock leveller reaches its lowest level)*

To avoid this, always install a guide strip to be placed on the side of the dockleveller, perpendicular to the L-seal up to the bolt of the toe protection



**Toe Protector Outer plate**

The yellow triangular plate hinges at the rear and slides up through the slot as the loading ramp goes down. And thus pushes the LS-seal off the loading ramp.

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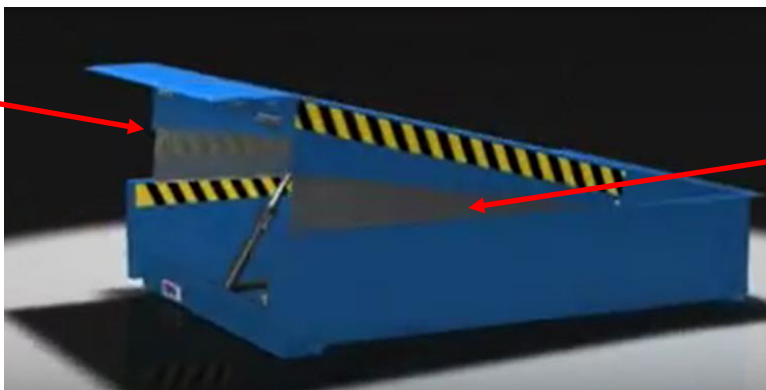
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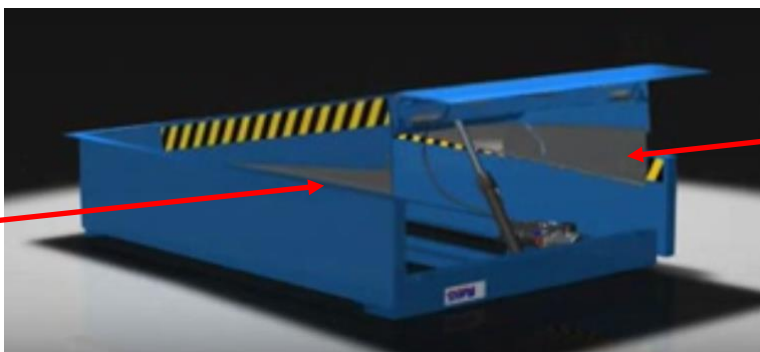
**Toe Protector Outer plate**

The large triangular plate hinges at the bottom and slides up through the trench as the loading ramp goes down. When mounted, the plate will never rise as high as on this plate.



**Toe Protector Inner plate**

The grey toe plate hinges at the rear and slides up along the inside of the loading ramp as it goes down. No influence on the LS-seal



**Toe Protector Inner plate**

The grey toe plate hinges at the rear and slides up along the inside of the loading ramp as it goes down. No problem for mounting LS-seal

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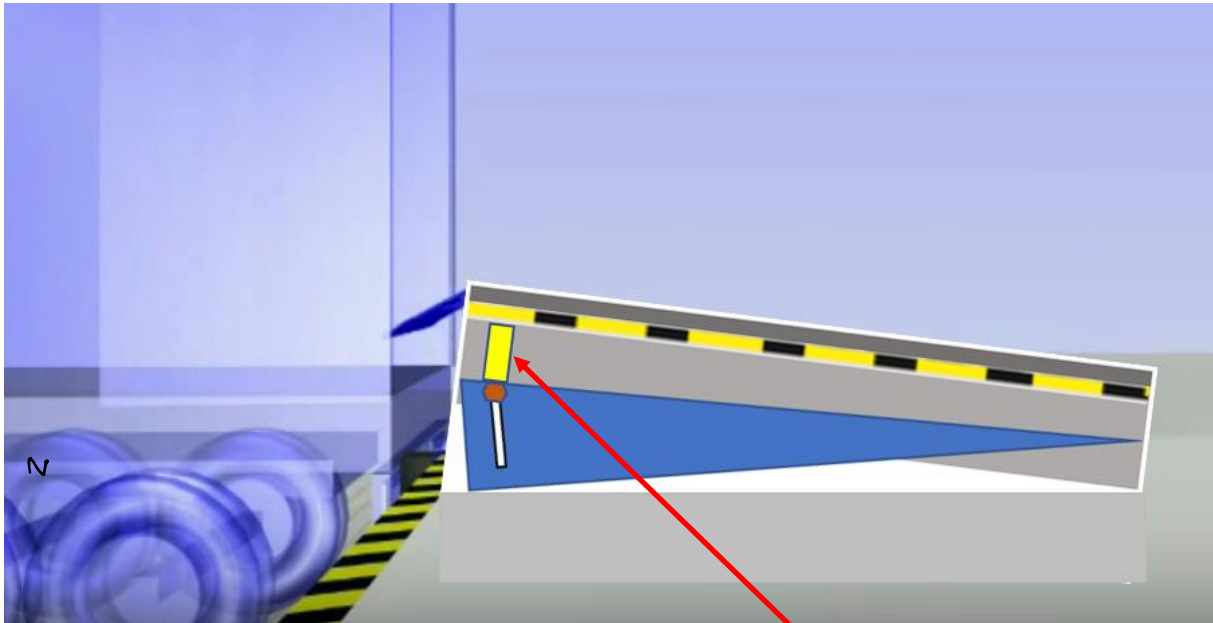
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## The solution for toe protection of dock levellers



Metallfoil (R-Flex), selfadhesive, installation on non-steel surface. 0,6mm foil, selfadhesive, onesided

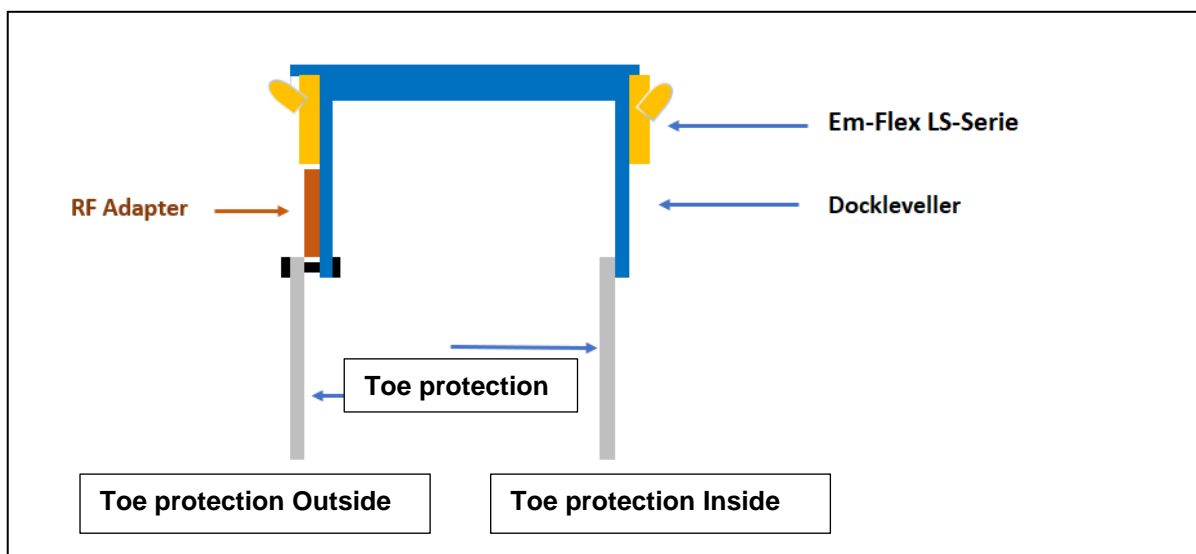
RF-Flex			
	RF 101000	L 1,000 mm	
	RF 101500	L 1,500 mm	
	RF 102000	L 2,000 mm	
	RF 102500	L 2,500 mm	
	RF Rol	R 15 m1	

**Adapter strip RF = Em-Flex Contra magnet**

**Placement with toe protection outside:**  
Perpendicular under the L-seal up to the lock bolt of the toe guard.

**Reason:**

This creates a raised sliding path for the toe plate so that it no longer slides against, but over the L-seal.



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