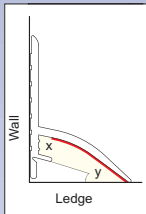


# SEALUX®

*How does it work?*



SEALUX combines a rigid pvc strip with Sealux-N silicone. To install Sealux the strip is filled with Sealux-N silicone and planted over the joint.



Each strip has a green tape (the red line) applied to the inside face. This tape is a silicone bond-breaker. The silicone will not bond to this part of the strip.

The silicone only bonds to the upper part of the strip at x and the ledge at y.

To accommodate joint movement the silicone releases off the green tape and stretches like an elastic band to create a flexible bridge between the strip at x and the ledge at y.

This 'bond-breaker' tape creates great flexibility in the silicone, the 'shielding' effect of the strip over the silicone promotes durability and hygiene in the shower environment.

Our policy is one of continuous improvement and the right is reserved to add, withdraw or modify the range and to amend details or specification without notice. Our products are manufactured with the greatest care to avoid any fault in materials. The purchaser acknowledges that we have no control of the installation of our products. We assume no responsibility for damage to property. Product liability is limited to product replacement.

## Joint Movement requires Flexibility

Drying shrinkage in timber stud walls causes the joint between stud and adjacent wall and the joint between the stud and ledge to expand

Semi-rigid acrylic baths and shower trays deflect when loaded with water and occupant causing the joint between the ledge and wall to expand



Shower trays not resting solidly on floors often rock causing the wall & ledge joint to expand

Structural settlement can occur in new buildings creating stresses along internal joints to expand

Timber joist deflection under weight can occur in old buildings causing the ledge/wall joint to expand

Timber joist shrinkage is common in new buildings causing the joint between the ledge & wall to expand

Baths and trays supported by legs are prone to sideways movement if not securely fixed to walls and this causes the wall/ledge to expand

## The Environment requires Durability

Life for a seal in today's shower environment is getting tough because shower lifestyle and shower technology has changed. The sprinkle that occurred twice a week in the past has become a daily monsoon and hidden leaks can no longer evaporate in time for the next shower!

The frequency and volume of water in today's shower environment exposes all weaknesses in respect of a seal's ability to remain durable.

This climate of power showers, temperature fluctuations, soaps, shampoos and cleaning chemicals accelerate seal material deterioration.

As the sealing material deteriorates and loses integrity, seal flexibility is compromised and the inability of the seal to accommodate joint movement thereafter generally results in leaks.

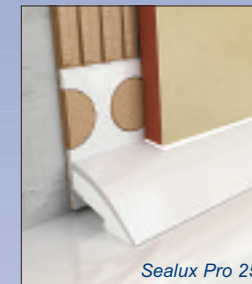
# SEALUX®

**Why invest in the beauty of wall tiles and then spoil it with an unhygienic eyesore ?**



*Exposed sealant*

In a climate of fluctuating temperatures, soaps, shampoos & body wash, exposed sealant attracts a dirty bio-slime film that accelerates deterioration leaving an unhygienic eyesore, hassle or a leaking seal causing property damage.



*Concealed sealant*

**Why not do the job just once in line with the recommendations of the British Standards ?**

**BS 5385 states the suitability of sealant for sealing the ledge-wall joint depends upon;**

- resistance to chemical attack, contamination
- damage from cleaning, wear and penetration
- the use of bond-breakers for high flexibility

**Sealux meets BS5385 recommendations.**

The sealant is concealed and protected inside the trim while the a silicone bond-breaker tape releases the sealant off the trim for flexibility.

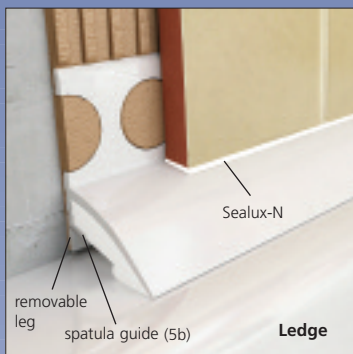


Sealux Ltd. UK Tel: 0870 8760121 Fax: 0870 8760119  
Ireland Tel: 01 298 9121 Fax: 01 298 9119  
Website: [www.sealux.com](http://www.sealux.com) Email: [info@sealux.com](mailto:info@sealux.com)  
Sealux products are covered by insured patents

# SEALUX - Standard Spec

# Installation

# SEALUX- High Spec



**SEALUX PRO 25**  
**BEHIND TILE ONLY**  
 (A 25mm wide seal for low porous body tiles)

**2/3 TUBE OF SEALUX-N REQUIRED/ LENGTH**

**CUT SEALANT NOZZLE TO EXPOSE 8mm DIAMETER HOLE**

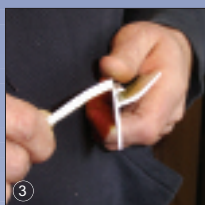
**DO NOT REMOVE GREEN TAPE FROM INSIDE STRIP FACE!**



① Measure and cut strip



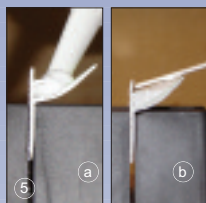
② Carefully remove frays left by saw cut!



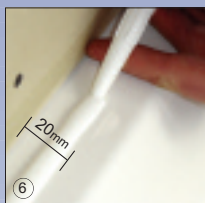
③ Tear off removable leg if required after testing



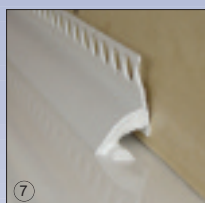
④ Clean ledge using Sealux alcohol/meths wipes



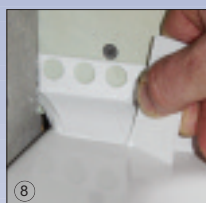
⑤ (a) lay Sealux-N in strip  
 (b) level Sealux-N across strip



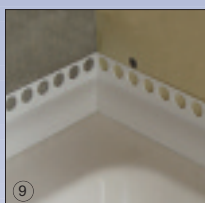
⑥ Lay Sealux-N on ledge using finger under nozzle as guide



⑦ Lay strip over joint fusing silicones



⑧ Remove excess Sealux-N off ledge if any



⑨ Ensure silicone fuses across corner joints.

## Which Strip is best for the job in hand?

**Sealux 15** profiles are most suitable to seal joints where the gap between the vertical and horizontal surface is not greater than **4mm** and the thickness of the tile is not greater than **7mm**.

**Sealux 20** profiles are most suitable to seal joints where the gap between the vertical and horizontal surface is not greater than **8mm** and the thickness of the tile is not greater than **10mm**.

**Sealux 25** profiles are most suitable to seal joints where the gap between the vertical and horizontal surface is not greater than **12mm** and the thickness of the tile is not greater than **10mm**.

**Refer to numbered photos when reading instructions and strip label for sketches.**

- ① Measure and cut the strips to your required lengths.
- ② Carefully remove the frays left at saw cut edges.
- ③ Dry fit to check. If outer strip edge does not rest on ledge, bend the first 50mm of the removable leg back and forth (to weaken) and tear it off.
- ④ Wipe ledge with Sealux alcohol wipes or methylated spirits.
- ⑤ Commence installation with middle strip (if any). Insert strip upside down in Mitre Box and arrange to hold the rest of the strip steady.

Cut nozzle at slight angle for 8 mm diameter hole. Place nozzle in strip as shown and lay a 400mm line of Sealux-N in strip.

Level Sealux-N across strip with spatula as shown. Do not be afraid to redistribute Sealux-N as required! Continue in steps of 400 mm until complete.

- ⑥ Using finger under nozzle as a support and fingertip against wall as a guide, lay an 8 mm oval line of Sealux-N on the ledge so outer edge is 20 mm from wall. For Sealux Reg 25, lay a line of Sealux-N on wall *roughly* 15mm over ledge (no guide required).
- ⑦ Rotate strip into position as shown fusing silicone on ledge with silicone in strip.
- ⑧ Remove silicone (if any) off ledge with spatula.
- ⑨ Butter corners with Sealux-N to ensure silicone fuses across strips.



**SEALUX PRO 15**  
 (15mm wide)



**SEALUX REG 15**  
 (15mm wide)

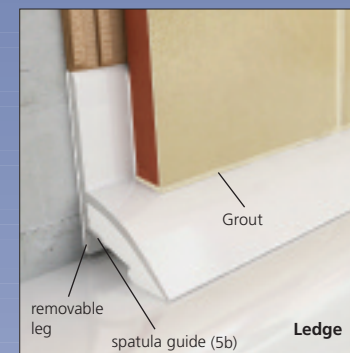


**SEALUX PRO 20**  
 (20mm wide)



**SEALUX REG 20**  
 (20mm wide)

Sealux 15 and 20 profiles are installed similarly. Refer to strip label for installation instructions.



**SEALUX REG 25**  
**OVER/BEHIND TILE**  
 (A 25mm wide seal for high & low porous body tiles)

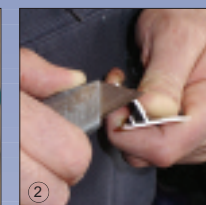
**1 TUBE OF SEALUX-N REQUIRED/ LENGTH**

**CUT SEALANT NOZZLE TO EXPOSE 8mm DIAMETER HOLE**

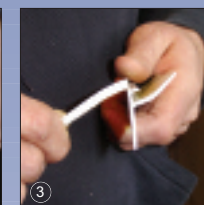
**DO NOT REMOVE GREEN TAPE FROM INSIDE STRIP FACE!**



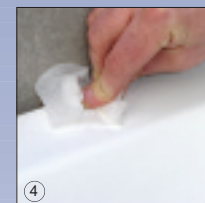
① Measure and cut strip



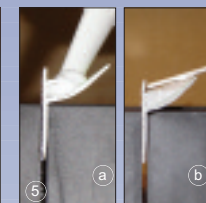
② Carefully remove frays left by saw cut!



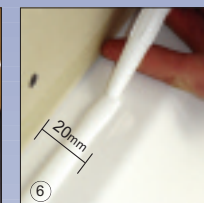
③ Tear off removable leg if required after testing



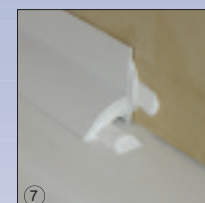
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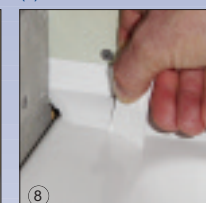
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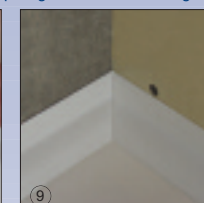
⑥ Lay Sealux-N on ledge using finger under nozzle as guide



⑦ Lay strip over joint fusing silicones



⑧ Remove excess Sealux-N off ledge if any



⑨ Ensure silicone fuses across corner joints.

## Installation Strategy

The step by step installation method we promote is focused on clearly explaining a series of simple tasks that will result in a competent installation and maximise the long term benefits of our product. Seals are about leak prevention - not speed of installation.

By applying separate lines of Sealux-N into the strip (step 5) and onto the ledge (step 6) and fusing both together (step 7), we ensure a continuous watertight seal is established between the ledge and strip.