



# FS Condensation on Back of Profile

Service Solution



 **Customer Need:**

Skylight looks like it is leaking even when it is not raining.

Repair is needed.

 **Who Can Repair:**

- Consumer
- Service Partner
- VELUX Technician

 **Tools Needed:**

1. Electric drill
2. Flat-head screwdriver
3. Flashing folding / crimping tool 3-inch
4. Sponge window seal
5. Moving blanket

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## Service Solution Profile

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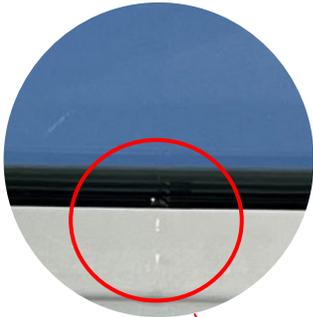
1

Confirm the issue.

**Description of problem:**

Interior warm and moist air can get behind gaskets on FS skylights, causing condensation to form on the underside of the top profile.

This may result in water dripping in at the top of the skylight or around the blind clip.



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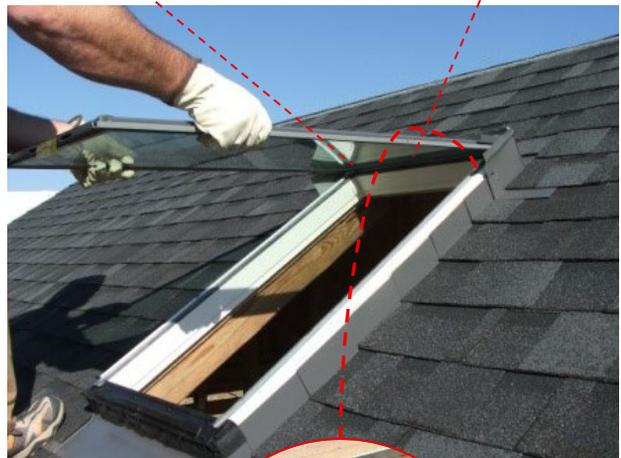


2

Identify the cause.

### Potential causes of the problem:

1. Incorrectly positioned gasket staples, creating a path for warm air to enter the same cavity
2. Gaskets being cut too short in the corners, allowing warm air to enter the cavity of the top profile



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### Symptoms:

Excessive condensation can form within the profile cavity of the skylight, particularly during cold weather or in a humid environment, causing water to drip onto the gasket.

The gasket is designed to divert the condensation to the sides. If the gasket is short, it can drip through gaps or around the blind clips.

If the gasket is stapled incorrectly, it will likely drip at that point.



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**Solution:**

Remove the cladding pieces on the outside of the skylight



5

Use drill to remove all the exposed screws



6

Lift the glass part of the skylight up from the frame

**Tip:**

Place the glass on a soft surface (moving blanket) to make sure the powder coat does not scratch



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Apply silicone at the point where the gaskets come together to limit the airflow between them and prevent warm, moist air from entering the profile cavity.



7

If the gasket is stapled in the wrong spot, pry out the staple or cut the gasket from under the staple.

Then, apply silicone to the holes in the gasket to prevent air and water from penetrating.



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Ensure the profile cavity is dry before proceeding



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Fill the profile cavity with closed-cell foam or backer rod



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Clean the interior glass and  
reinstall it

