

DeWAL® Venting Membranes Shelf Life, Storage & Handling

Best practices for shelf life, storage, and handling of DeWAL® Venting Membranes are critical in preserving product integrity. This Application Note will give you a few tips to help maintain product quality and ensure optimal material performance.

What is the shelf life of DeWAL products?

The shelf life of DeWAL Venting Membranes is important to know as it guarantees product performance, safety and quality during that time.

Shelf life depends on many factors, including whether the material has a surface treatment, if zoned adhesive was applied, how it was packed and how it was stored (as it relates to humidity and temperature control).



Shelf Life of DeWAL Venting Membranes

DeWAL Venting Membranes show little to no physical degradation for long periods, making them a stable and reasonable material to stock.

If they are stored at the conditions noted, the shelf life of venting membranes without adhesive is 10 years from the date of manufacture.

Due to factors beyond the control of Rogers, the warranty for DeWAL Venting Membranes is one year from the date of manufacture.

DeWAL DW212BV has a surface treatment applied to promote bonding. This surface treatment has a shelf life of one year.

Shelf life may vary once the material has been altered, such as it is slit, laminated or kept in extreme storage conditions.

The Best Way to Store DeWAL® Venting Membranes

- Keep in original packaging
- Store in an environment of 60°F to 80°F (16°C to 27°C) and relative humidity of 40% to 75%
- Rolls should be stored in single layer stacks

Handling DeWAL Venting Membranes

Due to the extremely thin thicknesses of DeWAL Venting Membranes, some materials are susceptible to damage if handled improperly. Best practices to minimize potential damage to the membranes are:

- Wear neoprene gloves when handling membranes to reduce the risk of oil contamination
- Minimize contact with the membrane by handling the material only on the outer edges whenever possible

What happens if I have product that is past its shelf life?

If you have a product that is past its recommended shelf life, the material may be tested to verify the integrity of its physical properties, such as tensile strength and elongation.

The suggested course of action is comparing the physical properties test result values to the values listed on the Technical Data Sheets. Depending on the application requirements, and if no significant degradation of properties occurred, the material may still be utilized past its recommended shelf-life date. Consult with a Rogers Sales Engineer to discuss test methods, results, and recommendations for your specific case.

Key Takeaways

- Ensure optimal material performance by adhering to its shelf-life date and best storage practices.
- Using DeWAL Venting Membranes past their shelf-life date may result in the degradation of physical properties, so testing is recommended to verify the product integrity.
- Contact a Rogers Sales Engineer to review test methods/results, storage recommendations, or for any questions.