

5 STEPS TO GET AHEAD OF UV DAMAGE

THE PROBLEM

Air- and water-resistive barriers play a vital role in the long-term performance of buildings. However, their effectiveness can be undermined by UV damage, leading to costly failures such as air leakage and water ingress. Additionally, few WRBs stand up to manufacturer claims for exposure times, leaving building professionals without reliable data.

90%

Recent studies show that some WRBs lose up to 90% of their water resistance when exposed to UV for the 'allowable' time claimed by manufacturers.

**OUT OF SIGHT
OUT OF MIND**

UV exposure leads to molecular damage that is not visible to the naked eye.

AVOID GETTING BURNED: GET AHEAD OF THE ISSUE

3. ASK MANUFACTURERS MORE QUESTIONS

Reach out to manufacturers for data that supports their long-term UV exposure claims. Some may have it and some may not.

1. CONSIDER THE GEOGRAPHICAL LOCATION

Be mindful of the expected UV exposure levels at your building. Whether you're the architect or contractor, this can ensure optimal product selection and help schedule exterior cladding installation appropriately.

4. LEARN FROM YOUR PAST PROJECTS

If you've experienced the negative effects of a failed WRB in the past, make note of which product was used and the amount of time it was left exposed.

2. SCHEDULE WORK TO MINIMIZE EXPOSURE

Have the exterior insulation or cladding installed as quickly as possible after the WRB has been installed. Minimizing exposure will limit UV degradation.

5. CHOOSE THE RIGHT TYPE OF WRB

If you rely on manufacturer product claims for UV exposure times, you're not alone. Yet with no relevant ASTM standard, information provided may not always hold up. Instead, consider manufacturers such as Dörken that have the data and real-world experience to back up claims.

When to use DELTA®-VENT SA

Moderate UV radiation expectations

Regular construction schedule

Require fast, easy installation

Require a lightweight, durable product

When to use DELTA®-STRATUS SA

High UV radiation expectations

Longer construction schedule

Require fast, easy installation

Require a lightweight, durable product

DELTA® products can provide the best performance for your next project. Contact a sales representative at 1 (866) 566-4589 today.

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