

Rooftop Greening | 10 Checks to Avoid Failure — A Quick Review to Pause Before Making a Decision —

※ This checklist is not intended to rank or compare rooftop greening systems or products.
※ It is a reference tool designed to help clarify why you are considering a particular choice.

10 Pre-Decision Checks

① Is it truly based on an assumption that it can withstand high temperatures and dry conditions?

Is the plan designed so that conditions will not deteriorate immediately even if irrigation stops during extreme heat or drought?

Are you relying solely on explanations such as “the plants are tough, so it will be fine” when making this judgment?

② Have you considered soil runoff and water pooling during heavy rainfall?

During intense rainfall, where does the water enter, how does it flow through the system, and where does it exit?
Have you considered what would happen if drainage outlets were temporarily clogged?

③ If weeds increase, will maintenance still remain manageable?

Are you assuming that weeds will inevitably appear?
Is the structure designed so that weed control remains a realistic and manageable task?

④ Are you assuming that maintenance will continue exactly as planned?

Maintenance staff may change, workloads may increase, or maintenance may be temporarily suspended.
Is the system designed so that it does not become critically damaged even under such conditions?

⑤ Does the outcome vary significantly depending on who carries out the installation?

Is the system highly dependent on the installer's skill or experience?
Are you assuming that “it will be fine as long as a skilled contractor does it”?

⑥ Are you relying solely on track record or the number of installations for reassurance?

Can you explain why it has many installations, in relation to the environmental conditions and how it is actually used?
Are potential failure cases becoming invisible as a result?

⑦ Are you making your decision based solely on advertising claims like “No.1” or “the best”?

Are you feeling reassured simply by phrases like “No.1 in performance” or “No.1 market share”?
Can you explain what conditions and assumptions that “No.1” is actually based on?

⑧ Are you making your decision based only on catalogs or product information?

Are you considering not only figures, photos, and images, but also the actual rooftop environment and how conditions change over time?
Are you overlooking assumptions or conditions that are not explicitly stated?

⑨ Are you assuming it is safe simply because there is a long-term warranty?

A warranty is a form of reassurance, but it is not the reason a system works in the first place.
Can you explain why it would be likely to remain viable even without a warranty?

⑩ Are you looking ahead to conditions several years from now, including during renovation or waterproofing work?

Are you imagining the condition not immediately after installation, but three or five years later?
Is the system structured so that partial removal and reinstallation are possible during waterproofing repairs?

※ This material does not recommend or endorse any specific product or system.

※ A detailed evaluation requires case-by-case verification that takes into account environmental conditions, structural design, maintenance, and renewability.