Coastal homes: moisture and insulation

Treat exposure, rain control and ventilation as one design problem.

Build Supply | SulfRock | Intelligent Panel Systems | HomePod

1 Inspect the envelope

Check roof, render, cladding, flashings, openings and drainage for wind-driven rain paths.

2 Check hidden defects

Investigate damp insulation, leaks and timber condition before covering the construction.

3 Choose suitable materials

Specify fixings, coatings and products for the actual coastal exposure.

4 Insulation choices

Compare products and installation quality. Mineral wool or glass wool does not universally fail in coastal homes.

5 Air and moisture control

Plan airtightness, ventilation, vapour control and drying according to the whole build-up.

6 Assess spray foam

Do not use spray foam as a default repair. Obtain application-specific moisture and fire assessment where proposed.

Stop water entering, establish drying and then choose the insulation system.

REFERENCE GUIDANCE

GOV.UK: resistance to moisture research
BSR: spray foam roof fire research

Use current product instructions and the approved project design. For regulations, confirm the UK nation, applicable edition and transitional arrangements.

Help us keep our information accurate.

If you notice an error, outdated information or something that needs clarification in this document, please let us know.
Report an Issue: Visit our website and select Report a Website or Document Issue.
intelligentpanelsystems.co.uk