

RÖFIX Renopor®

Capillary-active, breathable
internal anti-salt board



The problem it solves

Salts and moisture can cause plaster to blister, powder and detach.

In humid rooms, cold internal wall surfaces can also trigger surface condensation and mould.

What it is

A mineral, vapour-open board made from air lime and silicates.

It buffers moisture, stores salts within its pore structure, and helps keep the wall surface more stable. High mould resistance.

Key benefits

- High salt storage capacity (helps protect finishes).
- Capillary-active: draws moisture in so it can evaporate safely.
- Reduces risk of surface condensation and mould.
- Non-combustible (Euroclass A1).
- Mineral composition suited to heritage work.

How it works

Think of it like a breathable 'buffer layer': instead of salts crystallising at the paint surface and pushing the plaster off, Renopor provides a controlled space where moisture moves and salts can be 'parked' inside the board.

Application overview

- Fix to a sound mineral substrate using RÖFIX Renopor® Spezial (notched trowel).
- Install with joints tight and staggered. Blue hydrophobised face points into the room.
- Apply Renopor Spezial as base coat and embed RÖFIX P50 reinforcement mesh.
- Finish with a thin mineral skim (max ~3 mm) and a vapour-open mineral finish/paint.
- Always address the moisture source (leaks, rising damp, ventilation) as part of the system.

Technical snapshot (Renopor S board)

Thickness	25 mm
Size	500 x 250 mm
Density (dry)	≈ 290 kg/m ³
Vapour factor μ	≈ 7
Thermal λ	≈ 0.08 W/mK
Fire class	A1 (EN 13501-1)
pH	10

Renopor Spezial (adhesive / skim)

Water per bag	≈ 8.5 L / 25 kg
Consumption	≈ 1.5 kg/m ² per mm
Max skim thickness	≈ 3 mm

Important notes

Use only vapour-open mineral finishes.

Avoid acrylic/vinyl paints, wallpapers and other impervious coatings, which can block drying and reduce performance. Only for internal use.

Do not use in direct splash areas (e.g. showers)

