

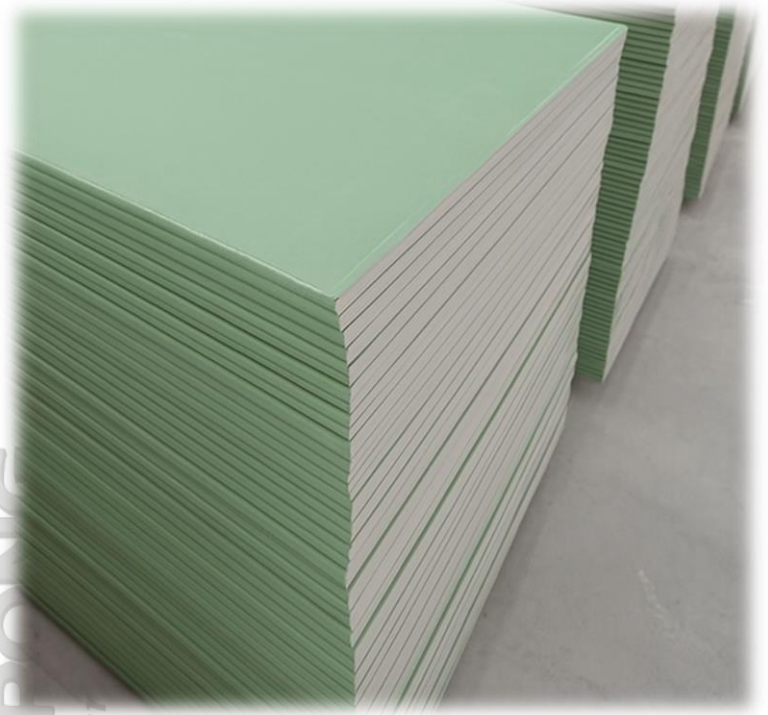
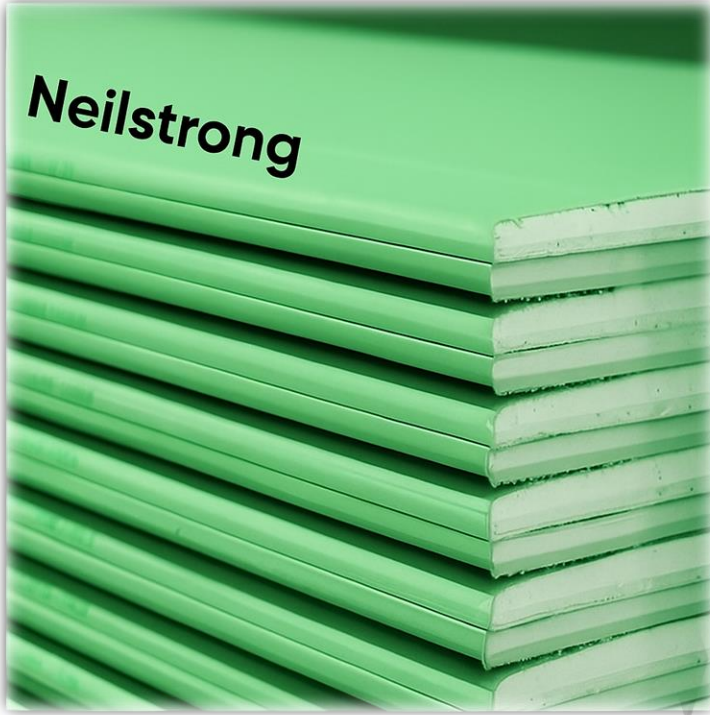
Practical considerations & best practices

- **Protect during storage & transport:** Boards must be stored dry, off ground, covered, and shielded from rain or high humidity.
- **Install in dry conditions / after structure is dried:** The substrate, framing, or surrounding structure should be dry to avoid trapping moisture.
- **Ventilation and moisture control in building design:** Use proper ventilation, moisture barriers, damp proofing, flashing, etc. — the board helps, but is not a substitute for controlling moisture ingress. USG+1
- **Seal penetrations, joints properly:** Use good-quality joint treatment, sealants, taping, and ensure edges are protected.
- **Limit exposure to high water levels:** Avoid using MR board in places where there is persistent water contact like inside shower stalls, unless a full waterproofing membrane is applied.
- **Choose the right board for the location:** If fire resistance is needed, pick MR + fire rated version; if heavy impact or loads are expected, consider a more robust variant.
- **Check manufacturer's specs:** Always verify what absorption rates, vapor resistance, tile load allowance, dimensions, etc., are allowed for that specific board.
- **Don't assume perfect performance:** Even the best moisture-resistant board can fail if the work is sloppy, leaks occur elsewhere, or moisture control is poor.

Moisture-proof gypsum board, also known as water-resistant gypsum board, is designed with a special treated gypsum core and moisture-repellent paper on both sides. It is mainly used in areas where humidity levels are high, such as bathrooms, kitchens, basements, utility areas, and other damp environments. The unique composition of this board prevents water absorption, minimizing the growth of mold and mildew, and protecting walls and ceilings from long-term damage.

This board retains all the advantages of standard gypsum board—such as being lightweight, easy to install, smooth surface for finishing, and fire-resistant—while offering additional moisture resistance. Its durability ensures that it does not deform, swell, or lose strength even in humid conditions. It is available in different thicknesses, with **12.5 mm being the most common**, and comes in standard sizes like **6x4 feet**.

Moisture-proof gypsum boards are widely used in **residential, commercial, and institutional projects**, providing a cost-effective solution for creating strong, safe, and long-lasting interiors. They are also compatible with paint, wallpaper, and tiles, making them highly versatile for decorative finishes.



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