



Bubble Board Surface Protection

Flame-resistant polypropylene board, light gray, felt back or standard

INDICATIVE DATA — please contact us directly for the manufacturer's spec sheet for your specific order: 718-386-6119 · inquiry@dmlumber.com

An engineered, reusable temporary protection board for floors, walls, stairs, fit-out zones and high-traffic project sites. The polypropylene honeycomb web spreads impact and site loads across the board instead of letting stress concentrate in one small area. The raised bubble surface, with added grain texture, improves grip underfoot compared with smooth plastic sheets or loose coverings.

The felt back is a soft polypropylene felt layer laminated to the underside, for delicate finishes such as timber, marble, stone, premium tile and high-end vinyl flooring.

Size

Board	Thickness	Sheet	Color
Felt back	5.7 mm (about 1/4")	48" x 96" (1220 x 2440 mm)	Light gray
Standard (no felt)	5.5 mm (about 1/4")	48" x 96" (1220 x 2440 mm)	Light gray

Test performance

Property	Test method	Result
Area density	As per test specimen	Approx. 1.5 kg/m ²
Critical radiant flux	ASTM E648-2025	Average 0.49 W/cm ²
Fire classification	NFPA 101 criteria in E648 report	Class I
Surface flammability	16 CFR Part 1630	Pass
Flooring reaction to fire	ISO 9239-1:2025	CHF 6.8 kW/m ²
Wet pendulum slip resistance	AS 4586 Appendix A	SRV wet 40 / Class P3
Pendulum slip resistance	BS EN 16165 Annex C	PTV dry 64 / wet 40
Oil-wet inclining platform	AS 4586 Appendix D	12.0° / R10
Shod ramp test	DIN EN 16165 Annex B	12° / R10
Water absorption	ASTM D570-22	0.06%
Falling weight impact	ASTM D5420-21	Mean failure energy 0.68 J
Compressive strength	ASTM D695-26	2.89 MPa
Flexural strength	ASTM D790-25	13.1 MPa
Flexural modulus	ASTM D790-25	670 MPa

Results from independent laboratory tests (SGS) on a nominal 5.5 mm specimen of the board without the felt back. Laboratory results depend on the test conditions and do not establish the performance of every variant.

Temporary surface protection only. Not a fire-rated construction element, a structural or load-bearing board, or a permanent floor finish or fire-rated lining. Keep away from open flame, welding sparks and molten metal.