BLUE BOARD — Technical facts

ARIA SOLUTIONS S.A LTD · Israel · Updated 5 November 2026

Composite tile-backer boards: closed-cell foam core, polymer cement and alkali-resistant fiberglass mesh on both sides. Tiles are installed directly on the board.

Property	Approved value / reference
Water absorption	< 0.2%; GB/T 8810-2005; 2-day immersion
Thermal conductivity	0.0355 W/m·K; partial IS 5450 clause 5.10 test
Reaction to fire	B-s2,d0; EN 13501-1
Compressive strength	> 400 kPa; GB/T 8813-2008
Weight per area	Approx. 3.9 kg/m² at 12.7 mm (range 3.9–4.5)
Board dimensions	120 × 260 cm
Thickness / board weight	12.7 mm / 12.1 kg; 30 mm / 14 kg; 50 mm / 16.5 kg

Thermal test: Israeli Standards Institute, certificate 7613218277, August 2026. Density 122.8 kg/m³; mean temperature 10°C; uncertainty ±3%. Datasheet value: <0.04 W/m·K.

The Israeli Standards Institute result is a partial test, NOT an Israeli Standard Mark. International marks shown on the website concern factory/production-line approvals. No price, installation warranty or assembly fire-resistance rating is implied.

System: boards, curved/corner/bathtub/wall-hung-toilet/slope boards, niches, shower curbs, cast-slope trays 70/70L/79/79L, A5/S1 sealing adhesives, membranes, seals, washers, anchors, mesh tape and U/H connectors.

Refer to the Hebrew installation manual and confirm the project specification before installation. This summary does not replace test certificates or project-specific instructions.

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