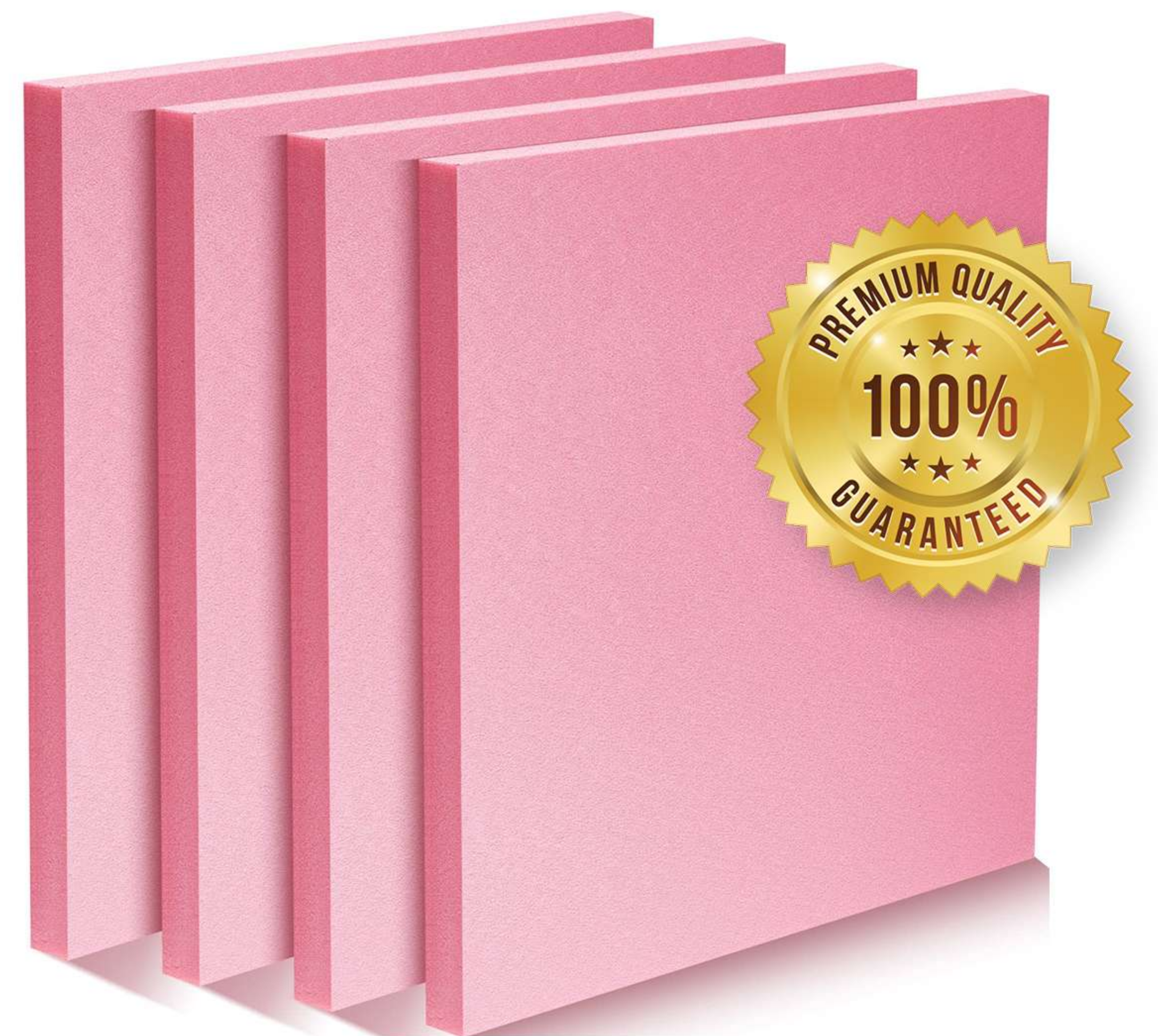


RS-XD25

Extruded Polystyrene (XPS) Foam Board

"Built for extreme durability, the RS XPS Series utilizes a 100% closed-cell structure to provide unbeatable moisture protection and stable thermal performance in humid climates. It is the trusted choice for heavy-load applications, from cold storage to modern civil engineering."

Superior Moisture Resistance: Specially engineered for tropical and high-humidity environments, RS XPS features a 100% closed-cell structure that prevents water absorption. This ensures the material remains free from mold growth and maintains its full insulation integrity, even under extreme humidity.



Product properties in accordance with ASTM C578

Property	Performance	Test standard
Thermal conductivity	≤0.032 W/m.K	ASTM C518 / EN 12667
Maximum use temperature	75°C	Internal / ISO 2795
Sag resistance	Excellent / No sagging	ASTM C203
Linear shrinkage	≤1%	GB/T 8811 / EN 1603
Reaction to Fire	B1/B2	GB 8624 / EN 13501-1
Compressive Strength	≥ 150 kPa (Density-dependent)	ASTM D1621 / EN 826
Water Vapor Permeability	≤3.0ng/(Pa·s·m)	ASTM E96
Water Repellency	≥99 %	GB/T 10299
Water Absorption	≤1.0%	ISO 2896 / EN 12087
Density ⁶⁾	25kg/m ³	ASTM D1622 / EN 1602

All values are nominal values for standard industrial production. Standard industrial production tolerances applicable.

Compliance

- Standard Fulfillment: RS XPS Foam Board fully complies with the requirements as set by internationally recognized standards like ASTM C578, EN 13164, and GB/T 10801.2.
- Superior Moisture Resistance: Closed-cell structure ensures excellent water resistance and long-term thermal performance.
- Environmental Responsibility: Sustainable manufacturing process aligned with global green building safety requirements.

Disclaimer

As RS has no control over insulation design and workmanship, accessory materials or applications conditions, RS does not warranty the performance or result of any installation containing RS products. RS overall liability and the remedies available are limited by the general terms and conditions of sale. This warranty in lieu of all other warranties and conditions expressed or implied, including the warranties of merchantability and fitness for a particular purpose. RS Insulation reserves the right to make necessary product changes at any time. Technical specifications are thus stated subject to change.

