



RS-Texture Coated Composite Board

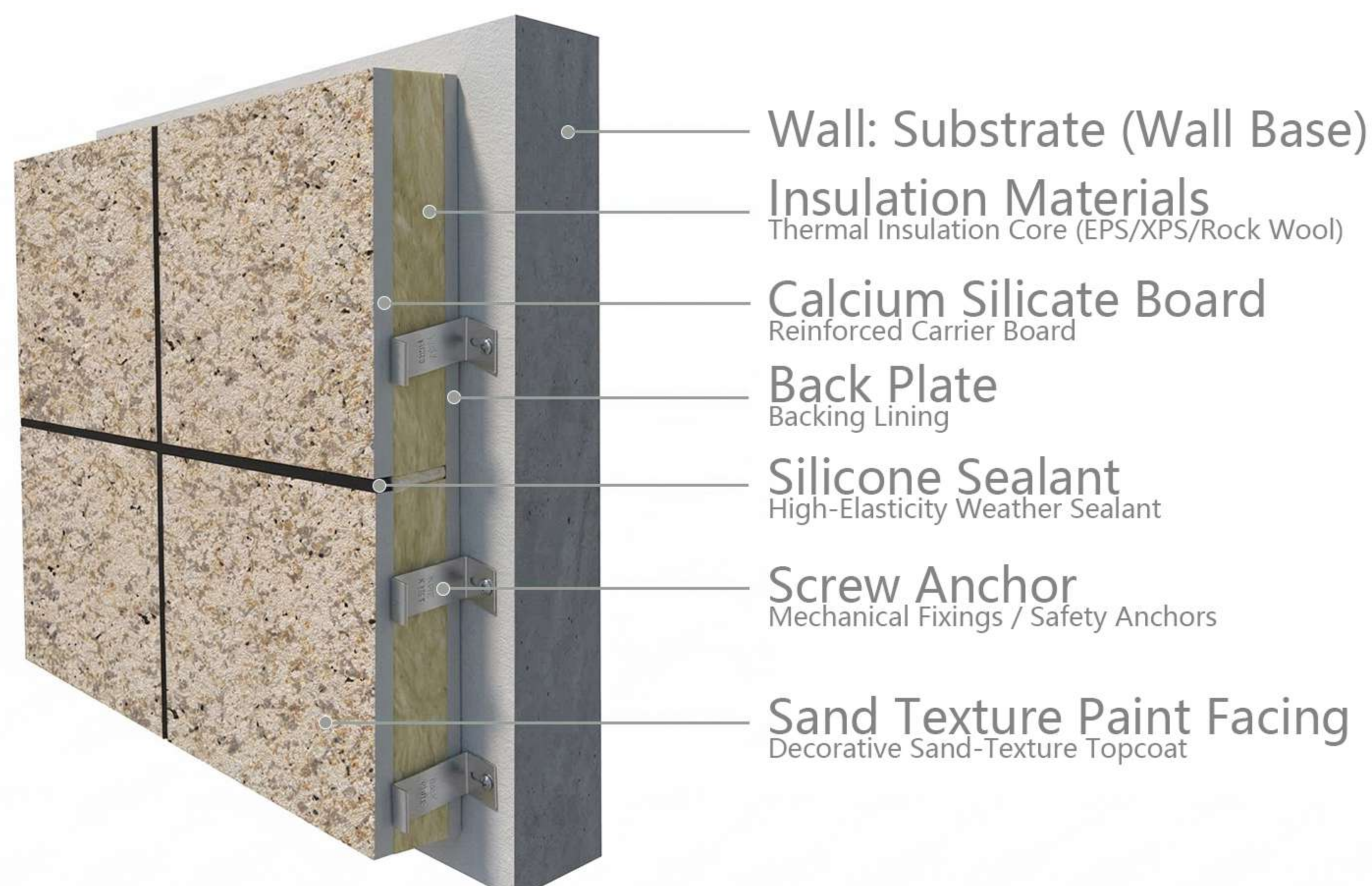
RS-Our Texture Coated Insulation Composite Panels seamlessly integrate Thermal Insulation, Aesthetic Decoration, and Fire Resistance into a single, lightweight system. Featuring a high-quality Al-Zn alloy coated steel surface and a various high-performance insulation cores, it is the premier choice for exterior wall renovation and prefabricated buildings.

Custom products available upon request.



Property	EPS	SEPS	XPS	Rock Wool	Test standard
Thermal conductivity	≤0.041 W/m.K	≤0.032 W/m.K	≤0.030 W/m.K	≤0.038 W/m.K	ASTM C518
Density	18-25kg/m ³	20-30kg/m ³	30-45kg/m ³	100-160kg/m ³	ISO 29470
Sag resistance	Excellent / No sagging				ASTM C411
Linear shrinkage	≤1.0 %	≤1.0 %	≤1.0 %	Negligible	ASTM D2126
Reaction to Fire	B1 / B2	B1	B1 / B2	A1	GB 8624 EN 13501
Compressive Strength	≥100kPa	≥150kPa	≥250kPa	≥40kPa	ASTM D1621
Tensile Strength	≥0.10MPa	≥0.15MPa	≥0.20MPa	≥0.15MPa	EN 1607 / ASTM D1623
Water Repellency	≥98%	≥98%	≥99%	≥98%	ASTM C272
Water Absorption	≤4%	≤3%	≤1%	≤1%(Hydrophobic)	ISO 2896

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



"Ultimate 6-Layer Protection System"

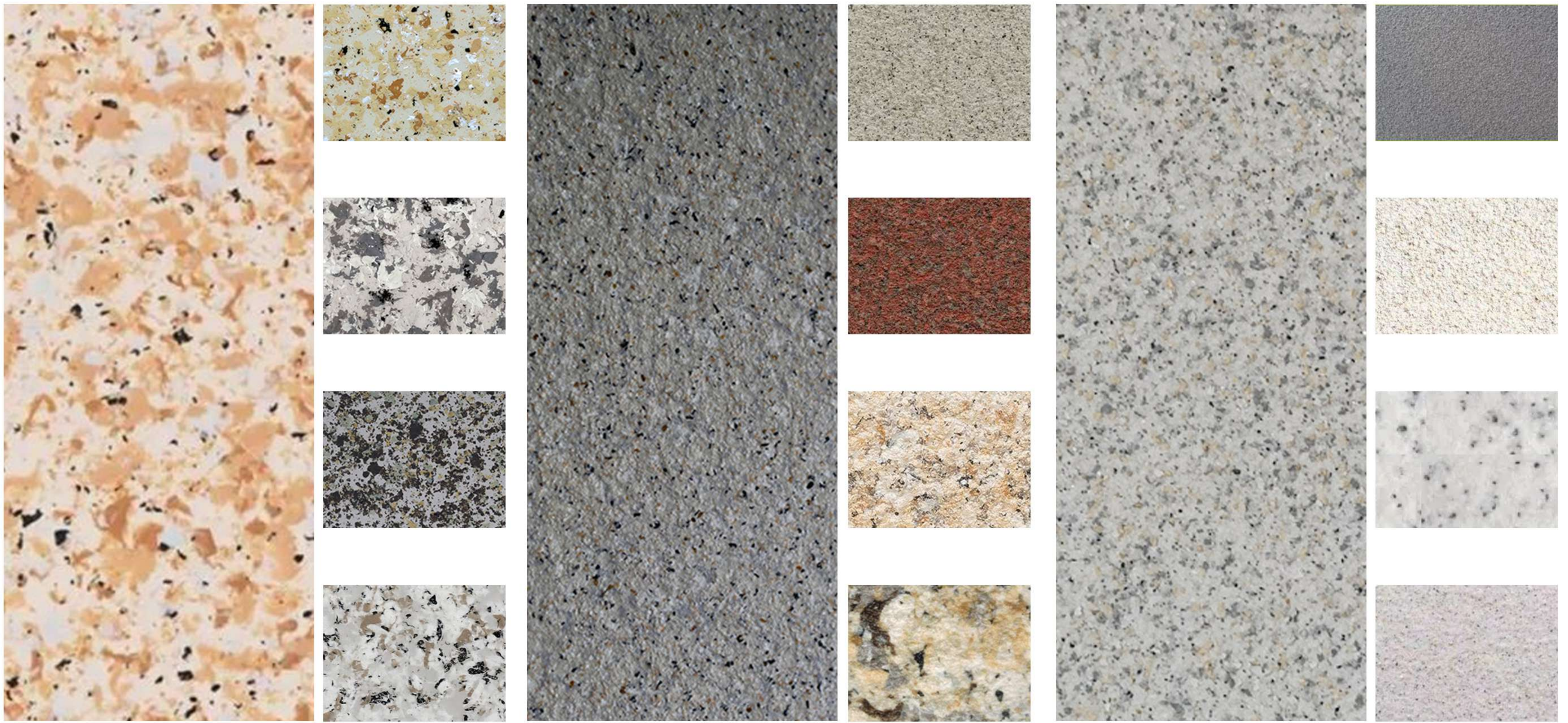
Premium Texture: Authentic stone-like finish with elegant, anti-reflective aesthetics.

PVDF Shield: High-content resin for superior resistance to acid rain, salt, and pollutants.

20-Year Color: Kynar 500® grade UV filtering ensures minimal color fading (Delta E < 5).

Seamless Bond: Integrated composite structure prevents delamination and ensures structural safety.

Versatile Core Material Options / Fully Customizable Colors



Feature	Liquid Granite / Multicolor Paint	Sand-in-Water Coating	Real Stone Paint
Imitation Target	Polished/Smooth granite	Bush-hammered/Flamed granite	Textured natural stone
Surface Texture	Smooth and flat	Subtle texture with depth	Rough and gritty
Fidelity (Realism)	High (95%+)	Ultra-High (98%+)	Moderate (85%+)
Stain Resistance	Excellent (Self-cleaning)	Good (Balanced)	Moderate (Periodic cleaning recommended)
Durability	Ultra-High (Flexible)	Superior (High Hardness & Flexibility)	High (Excellent Hardness)
Price Level	Mid-range	Premium	Economy
Application	Professional Spray System	Expert Spray Application	Easy Spray/Trowel Application

Compliance

- Fire Safety: Certified to ASTM E84 and GB 8624 standards (Class A/B1), providing a superior fire barrier for diverse building envelopes.
- Eco-Friendly: E0/E1 compliant with ultra-low VOC emissions, ensuring a healthy indoor and outdoor environment for occupants.
- Weathering Protection: Passed ISO 11507 accelerated weathering tests; the coating remains crack-free and fade-resistant for over 15 years.
- Quality Management: Manufactured in strict conformance with ISO 9001:2015 to ensure consistent product density and premium finish quality.

Disclaimer

RS Insulation Board is responsible solely for product manufacturing quality. As we have no direct oversight of project design, on-site installation techniques, or the quality of accessory materials (such as adhesives, mechanical fixings, and sealants), RS does not guarantee the long-term performance of the fully installed system.

For Texture Coated Composite Panels, please note that slight color variations may occur between different production batches; we recommend ordering the total required quantity in a single batch to ensure optimal color consistency. Liability is strictly limited to our Standard Terms and Conditions of Sale. We reserve the right to modify technical specifications and product designs at any time without prior notice.

