

SHIV SHAKTI INDUSTRIES

TECHNICAL DATA SHEETS

Tile Adhesives · Epoxy Solutions · Tile Grout

CORVELL | NEXITONE | ORION | SSI

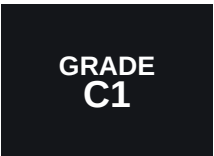
Manufacturing Facility	HSI IDC Industrial Area, Samalkha, Panipat, Haryana – 132101
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This document contains technical specifications, application guidelines and packaging details for the products listed within. For the latest revision, contact our technical support team.

SSI — The Bond Professionals Trust

Tile Adhesives — Standard Grade

SSI EVA C1



Polymer-modified adhesive for ceramic and porcelain tiles, formulated for reliable everyday bonding with zero slippage on vertical surfaces. The workhorse choice for residential wall and floor tiling.



TECHNICAL SPECIFICATIONS

Bond Strength	≥ 0.5 N/mm ²
Open Time	20 minutes
Pot Life	1–2 hours
Coverage	4–5 kg/m ² (per mm thickness)
Mixing Ratio	Approx. 6.5–7 litres water per 20 kg bag
Application Thickness	3–6 mm
Tile Types	Ceramic, Porcelain
Suitable Surfaces	Indoor, Wall & Floor

RECOMMENDED APPLICATIONS

- Residential wall & floor tiling
- Ceramic and porcelain installations
- General-purpose indoor bonding

PACKAGING

20 kg multi-layer paper bags with moisture-barrier inner lining.

Storage: Keep in a cool, dry place away from direct moisture. Shelf life 12 months from date of manufacture in unopened packaging. Values stated are typical laboratory results under standard test conditions (27°C, 65% RH) and may vary with site conditions.

SSI — The Bond Professionals Trust

Tile Adhesives — Eco Formula

SSI SILVA BIO



Low-VOC, eco-conscious adhesive developed for green buildings, schools and hospitals. Delivers the same dependable bond as standard-grade adhesive while meeting environment-safe formulation requirements for sensitive indoor spaces.



TECHNICAL SPECIFICATIONS

Bond Strength	≥ 0.5 N/mm ²
VOC Content	Low-VOC / Eco-Safe formulation
Open Time	25 minutes
Pot Life	3–4 hours
Coverage	4–5 kg/m ² (per mm thickness)
Mixing Ratio	Approx. 6.5–7 litres water per 20 kg bag
Recommended For	Green Buildings, Schools, Hospitals
Suitable Surfaces	Exterior, Wall & Floor

RECOMMENDED APPLICATIONS

- Green-certified building projects
- Schools & healthcare facility tiling
- Indoor spaces requiring low-VOC materials

PACKAGING

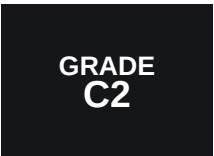
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SSI — The Bond Professionals Trust

Tile Adhesives — Premium Grade

SSI ULTRA Premium



High-strength C2-grade adhesive engineered for large-format vitrified tiles and marble. Higher bond strength and open time give installers more control on demanding premium surfaces.



TECHNICAL SPECIFICATIONS

Bond Strength	≥ 1.0 N/mm ²
Open Time	20–30 minutes
Pot Life	4–6 hours
Coverage	4–4.5 kg/m ² (per mm thickness)
Mixing Ratio	Approx. 6.5–7 litres water per 20 kg bag
Application Thickness	3–8 mm
Tile Types	Large Format, Marble, Vitrified
Suitable Surfaces	Wall & Floor, Outdoor

RECOMMENDED APPLICATIONS

- Large-format vitrified tile installation
- Marble bonding
- Premium residential & commercial projects

PACKAGING

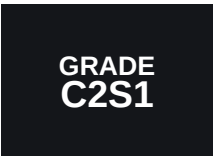
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SSI — The Bond Professionals Trust

Tile Adhesives — Flexible Grade

SSI Elastica Gel S1



Flexible, deformable adhesive engineered for heated floors, facades and movement zones. The S1 flexibility rating absorbs substrate expansion and contraction without compromising bond integrity.



TECHNICAL SPECIFICATIONS

Bond Strength	≥ 1.0 N/mm ²
Deformability	S1 — Flexible
Open Time	20–30 minutes
Pot Life	4–6 hours
Coverage	4–4.5 kg/m ² (per mm thickness)
Mixing Ratio	Approx. 6.5–7 litres water per 20 kg bag
Recommended For	Heated Floors, Facades, Movement Zones
Suitable Surfaces	Exterior, Flexible Substrates

RECOMMENDED APPLICATIONS

- Underfloor heating systems
- Facade tiling
- Movement-prone substrates & joints

PACKAGING

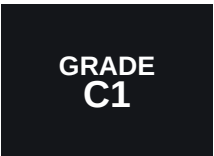
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NEXITONE — Next-Level Tile Bonding

Tile Adhesives — Entry Level

Nexitone GOLD



High-quality standard adhesive built for residential tiling. Reliable bond strength with easy, forgiving application — a dependable entry point into the NEXITONE range.



TECHNICAL SPECIFICATIONS

Bond Strength	≥ 0.5 N/mm ²
Open Time	20 minutes
Pot Life	3–4 hours
Coverage	4–5 kg/m ² (per mm thickness)
Mixing Ratio	Approx. 6.5–7 litres water per 20 kg bag
Tile Types	Ceramic
Suitable Surfaces	Residential, Indoor
Application	Easy Apply

RECOMMENDED APPLICATIONS

- Residential tiling projects
- Ceramic tile installation
- Entry-level contractor use

PACKAGING

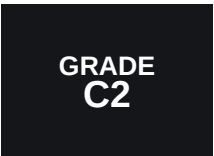
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NEXITONE — Next-Level Tile Bonding

Tile Adhesives — Mid Range

Nexitone PLATINUM



Enhanced polymer formula for medium-format tiles, offering an extended positioning window that gives installers more time to adjust tiles before the adhesive sets.



TECHNICAL SPECIFICATIONS

Bond Strength	≥ 1.0 N/mm ²
Open Time	30 minutes (Extended)
Pot Life	5–6 hours
Coverage	4–4.5 kg/m ² (per mm thickness)
Mixing Ratio	Approx. 6.5–7 litres water per 20 kg bag
Tile Types	Medium Format
Suitable Surfaces	Commercial
Application	Extended Open Time

RECOMMENDED APPLICATIONS

- Medium-format commercial tiling
- Projects needing extended positioning time

PACKAGING

20 kg multi-layer paper bags with moisture-barrier inner lining.

Storage: Keep in a cool, dry place away from direct moisture. Shelf life 12 months from date of manufacture in unopened packaging. Values stated are typical laboratory results under standard test conditions (27°C, 65% RH) and may vary with site conditions.

NEXITONE — Next-Level Tile Bonding

Tile Adhesives — Top Grade

Nexitone SILVER



Premium C2TE adhesive for large-format vitrified slabs and imported marble in luxury residential and hospitality projects. Extended open time supports precision placement on demanding installations.



TECHNICAL SPECIFICATIONS

Bond Strength	≥ 1.0 N/mm ²
Open Time	20 minutes
Pot Life	1–2hours
Coverage	3.5–4.5 kg/m (per mm thickness)
Mixing Ratio	Approx. 6.5–7 litres water per 20 kg bag
Tile Types	Vitrified
Suitable Surfaces	Luxury Residential, Hospitality

RECOMMENDED APPLICATIONS

- Large-format vitrified slab installation
- Imported marble bonding
- Luxury hospitality & residential projects

PACKAGING

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NEXITONE — Next-Level Tile Bonding

Tile Adhesives — Ultra Premium

Nexitone Diamond



Ultra-flexible S2 adhesive engineered for curved walls, pool tiles and heated floor systems. The top of the NEXITONE range, built for the most demanding movement and moisture conditions.



TECHNICAL SPECIFICATIONS

Bond Strength	≥ 1.0 N/mm ²
Deformability	S2 — Ultra Flexible
Open Time	30–40 minutes
Pot Life	6–8 hours
Coverage	3.5–4.5 kg/m ² (per mm thickness)
Mixing Ratio	Approx. 6.5–7 litres water per 20 kg bag
Recommended For	Curved Walls, Pool Tiles, Heated Floors
Suitable Surfaces	Pool Safe, Ultra Flex Zones

RECOMMENDED APPLICATIONS

- Swimming pool tile installation
- Curved wall tiling
- Heated floor systems with high movement

PACKAGING

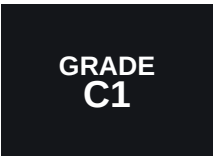
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CORVELL — Advanced Bonding Technology

Tile Adhesives — Standard

Corvell Silver



Reliable adhesive purpose-built for wet areas — bathrooms, kitchens and laundry rooms — where everyday moisture resistance matters most.



TECHNICAL SPECIFICATIONS

Bond Strength	≥ 0.5 N/mm ²
Water Resistance	Moisture Resistant
Open Time	20 minutes
Pot Life	3–4 hours
Coverage	4–5 kg/m ² (per mm thickness)
Mixing Ratio	Approx. 6.5–7 litres water per 20 kg bag
Recommended Areas	Bathrooms, Kitchens, Laundry Rooms
Suitable Surfaces	Wet Areas

RECOMMENDED APPLICATIONS

- Bathroom & kitchen tiling
- Laundry room installations
- General wet-area bonding

PACKAGING

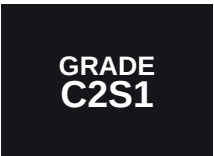
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CORVELL — Advanced Bonding Technology

Tile Adhesives — BathShield System

Corvell Platinum Shield



Complete bathroom waterproofing system backed by a 5-year leak guarantee. Combines flexible S1 adhesion with an integrated waterproofing layer for full wet-area protection.



TECHNICAL SPECIFICATIONS

Bond Strength	≥ 1.0 N/mm ²
Deformability	S1 — Flexible
Warranty	5-Year Leak Guarantee
Pot Life	4–6 hours
Coverage	4–4.5 kg/m ² (per mm thickness)
Mixing Ratio	Approx. 6.5–7 litres water per 20 kg bag
System Type	Full Waterproofing System
Suitable Surfaces	Bathrooms, Wet Areas

RECOMMENDED APPLICATIONS

- Complete bathroom waterproofing
- Full wet-area tiling systems
- Projects requiring warranty-backed leak protection

PACKAGING

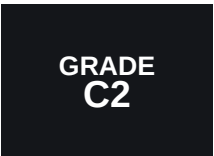
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CORVELL — Advanced Bonding Technology

Tile Adhesives — Gold Grade

Corvell Gold



High-performance adhesive for commercial floors and wall cladding, formulated with added impact resistance for heavy-traffic environments.



TECHNICAL SPECIFICATIONS

Bond Strength	≥ 1.0 N/mm ²
Impact Resistance	Enhanced
Open Time	20–30 minutes
Pot Life	4–6 hours
Coverage	4–4.5 kg/m ² (per mm thickness)
Mixing Ratio	Approx. 6.5–7 litres water per 20 kg bag
Recommended For	Heavy Traffic, Commercial Floors, Wall Cladding
Suitable Surfaces	Commercial

RECOMMENDED APPLICATIONS

- Commercial flooring
- Wall cladding installations
- Heavy-traffic public spaces

PACKAGING

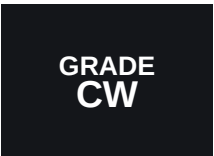
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CORVELL — Advanced Bonding Technology

Waterproofing — Tanks & Roofs

Corvell Diamond



Crystalline waterproofing compound for underground tanks, basements and terraces. The crystalline technology grows through the concrete matrix to seal capillary pores against water penetration.



TECHNICAL SPECIFICATIONS

System Type	Crystalline Waterproofing
Water Penetration Resistance	Excellent
Coverage	1.5–2 kg/m ² per coat
Recommended Coats	2 coats
Full Cure	7 days
Recommended Areas	Underground Tanks, Basements, Terraces
Suitable Surfaces	Concrete, Below-Grade Structures

RECOMMENDED APPLICATIONS

- Underground water tank waterproofing
- Basement waterproofing
- Terrace and roof waterproofing

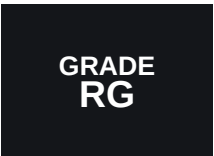
PACKAGING

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ORION — Industrial Strength Bonding
Epoxy Solutions

ORION Epoxy Grout



Two-component reactive epoxy grout engineered for swimming pools, food processing plants, pharmaceutical facilities and heavy-duty industrial flooring. Delivers chemical resistance, acid-proof performance and virtually maintenance-free joints.



TECHNICAL SPECIFICATIONS

Type	2-Component (Resin + Hardener)
Chemical Resistance	Excellent
Compressive Strength	≥ 50 N/mm ²
Joint Width	2–12 mm
Pot Life	45–60 minutes
Full Cure	7 days
Suitable Areas	Pools, Food Grade, Industrial Flooring
Chemical Class	RG

RECOMMENDED APPLICATIONS

- Swimming pools & water treatment plants
- Food processing & pharma facilities
- Heavy-duty industrial flooring joints

PACKAGING

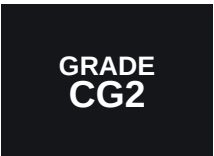
Twin-pack sets: Part A (base) + Part B (hardener), 5 kg & 10 kg kits.

Storage: Keep in a cool, dry place away from direct moisture. Shelf life 12 months from date of manufacture in unopened packaging. Values stated are typical laboratory results under standard test conditions (27°C, 65% RH) and may vary with site conditions.

ORION — Industrial Strength Bonding

Cementitious Grout

ORION Tile Grout



Professional cementitious tile grout available in 25 premium colours. The anti-mould, anti-shrink formulation provides a smooth, consistent joint finish that stays fade-proof for years across walls and floors.



TECHNICAL SPECIFICATIONS

Grade	CG2 — Premium
Joint Width	1–10 mm
Colours Available	25 Shades
Set Time	24 hours
Mixing Ratio	Approx. 0.3–0.35 litres water per kg
Coverage	Varies by joint width & tile size
Suitable Surfaces	Wall & Floor
Key Properties	Anti-Mould, Anti-Shrink, Fade-Proof

RECOMMENDED APPLICATIONS

- Residential & commercial tile joint finishing
- Wet-area grouting (mould resistant)
- Decorative colour-matched joint work

PACKAGING

1 kg, 5 kg & 20 kg poly-lined bags.

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