



FABRICATION & INSTALLATION GUIDE

Nouvel by Bedrosians

APPLICATIONS

Nouvel Mineral Surfaces are engineered for both beauty and performance, offering exceptional durability and refined aesthetics for modern interiors.

Recommended applications include:

- Kitchen countertops
- Vanity tops
- Table and furniture surfaces
- Reception and commercial workspaces
- Interior wall cladding

Nouvel Mineral surfaces are suitable for both horizontal and vertical applications, delivering long-lasting performance across residential and commercial environments.

Do Not Use Outdoor

Standard engineered Mineral Surfaces is generally not recommended for outdoor use because UV exposure causes yellowing/discoloration, and temperature fluctuations can lead to cracking or warping. Prolonged direct sunlight breaks down the polymer resins, voiding most manufacturers' warranties. Only specialized, UV-stable, or exterior-rated quartz should be considered for covered outdoor applications.



WARNING!

INDOOR STORAGE & INSTALLATION ONLY
DO NOT STORE OUTSIDE

SLAB INFORMATION

Nouvel Mineral Surfaces are designed to replicate the depth, movement, and elegance of natural stone with enhanced consistency and performance.

Standard Slab Sizes:

126" x 63"
127" x 64"
139" x 80"
138" x 79"

Available Thicknesses:

- 20mm (3/4")
- 30mm (1-1/4")

Finishes:

- Polished
- Matte
- Satin

Each slab features high-definition veining, refined translucency, and a bright, clean surface aesthetic.

INSPECTION PRIOR TO FABRICATION

All slabs must be thoroughly inspected before cutting or fabrication.

Key steps:

- Remove protective film before inspection
- Inspect both front and back surfaces
- Check for cracks, defects, and irregularities
- Confirm color consistency and batch matching
- Review vein direction and layout alignment

Important:

Once material is cut or modified, it is considered accepted and cannot be returned.

LAYOUT & VEIN MATCHING

Nouvel Mineral Surfaces are designed to emulate natural stone and may feature directional or non-directional veining.

Best practices:

- Plan seam locations carefully
- Align veining across seams and surfaces
- Match backsplash material to countertop
- Verify batch and shade numbers for consistency

Proper layout is critical to achieving the most natural and visually seamless result.

FABRICATION GUIDELINES

Cutting

- Always use **wet cutting methods**
- Avoid excessive heat during fabrication
- Never cut sharp inside corners — use a **minimum 3/8” radius**
- Do not cross-cut corners

Polishing

- Use **white resin diamond pads only**
- Final polish should not exceed **3000 grit**
- Avoid dry polishing to prevent overheating and surface damage

Edge Profiles

- Straight eased edges are recommended for printed surfaces
 - Decorative edges may expose base material if over-fabricated
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HANDLING & STORAGE

- Always transport slabs **vertically**
- Store on **A-frames** for short-term handling
- Use **vertical racks** for long-term storage
- Secure slabs during transport to prevent movement or stress

Improper handling can lead to cracking, warping, or surface damage.

Printed Mineral Surfaces

Edge Finish: Mitered Edge Recommended

Mitered edges create a seamless, refined look and enhance design continuity. Even with Nouvel full-body options, this detail provides the most cohesive finish.

A precise 45 degree joint creates visual flow and the appearance of added thickness for a bold architectural edge.

Mitered Edge



Straight Edge



Fabrication & Care Guidance

- Grinding or aggressive sanding can remove the printed layer , exposing the base material.
- Removing the protective surface coating reduces resistance to staining and scratching.
- Deep Scratches or chips cannot be repaired to match the original finish.



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SUPPORT & STRUCTURAL REQUIREMENTS

- Ensure cabinets are level within **1/16” tolerance**
- Provide support every:
 - 24” for 2cm material
 - 36” where spans exceed standard limits

Overhang Guidelines:

- Maximum unsupported overhang: **1/3 of total depth**
 - Additional support required for extended spans
 - No cutouts permitted in unsupported overhang areas
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INSTALLATION GUIDELINES

- Allow **1/8” expansion gap** at all walls
 - Use **100% silicone adhesive only**
 - Do not use rigid adhesives (epoxy or construction adhesive)
 - Ensure all seams are level and properly aligned
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SEAMING

- Recommended seam width: **1/16”**
 - Use **color-matched adhesive (acrylic or epoxy)**
 - Clean surfaces thoroughly before joining
 - Use seam setters for best results
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CUTOUTS & SINK INSTALLATION

- All cutouts must include a **minimum 3/8” radius**
- Allow clearance for expansion (approx. 1/8”)
- Provide additional structural support near cutouts

Important:

Do not attach mechanical fasteners directly into the surface.

BACKSPLASH & WALL APPLICATIONS

- Use material from the **same batch** for consistency
 - Install with **silicone adhesive**
 - Maintain proper expansion joints
 - Follow all heat clearance requirements for cooktops
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SAFETY REQUIREMENTS

Fabrication must follow all safety protocols:

- Wet cutting required to control dust
 - Use proper PPE:
 - Eye protection
 - Hearing protection
 - Respirators (when required)
 - Follow OSHA and local safety guidelines
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SUMMARY

Nouvel Mineral Surfaces by Bedrosians are engineered to deliver the aesthetic beauty of natural stone with advanced performance and fabrication reliability.

Following these fabrication and installation guidelines ensures optimal results, long-term durability, and a refined finished product that meets the highest standards of quality and design.