

SECTION 09-01-00 - MAINTENANCE OF FINISHES

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. TuffSkin Surface Protection LLC Maintenance Finishes.

1.02 RELATED SECTIONS

Note: Delete any section below not relevant to this project; add others as required.

A. Section 09 96 00 - High-Performance Coatings

B. Section 12 30 00 - Casework

C. Section 12 36 40 - Stone Countertops

D. Section 12 36 61.19 - Quartz Agglomerate Countertops

1.03 QUALITY ASSURANCE

A. Supplier: Obtain all products in this section from a single supplier. Call TuffSkin.com 702 778 2272 B. Installer: Installation shall be performed by a trained and qualified installer, specialized and certified by TuffSkin Surface Protection LLC in work required for this project.

1.04 SUBMITTALS

A. Submit manufacturer's product data for specified products.

B. Shop Drawings: Submit shop drawings showing layout, profiles, and product components, including dimensions, and quantities.

C. Closeout Submittals:

1. Submit operation and maintenance data for installed products, including precautions against harmful cleaning materials and methods.
2. Submit durability or warranty documents specified herein.

1.05 PRE-INSTALLATION CONFERENCE

A. Convene a conference approximately 2-weeks before scheduled commencement of the work.

B. Attendees shall include architect, contractor and trades involved.

C. Agenda shall include schedule, responsibilities, critical path items and approvals.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays. B. Deliver products in manufacturer's original, unopened, undamaged containers with identification labels intact. C. Store products protected from weather, temperature, and other harmful conditions as recommended by supplier. Product must remain in original plastic bag and boxes and have storage conditions as follows: 1. 100°F (35°C) maximum temperature

2. Out of Sunlight
3. Clean dry area
4. Original container
5. Do not stack boxes over six (6) units high. Excessive weight can damage the film

D. Handle products in accordance with manufacturer's instructions.

E. Total shelf life: 3 years.

1.06 WARRANTY- DURABILITY

A. Manufacturer's Warranty: Submit manufacturer's standard warranty document executed by authorized company official.

1. Standard Product Durability: See Product Bulletins for use and wear.

2. Manufacturer warranties the performance to be acid, alkaline, water and oil-proof for a period of 10 years from the date of installation for any interior residential, commercial or hospitality associated environments.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Approved manufacturers: TuffSkin Surface Protection LLC.

Purchased through: TuffSkin Surface Protection LLC.

5445 Desert Pointe Dr. Suite A, Las Vegas, NV 89118

Toll-Free: 1-702-778-2272

Email: info@tuffskin.com

Website: www.tuffskin.com

B. Standard: Design based upon TuffSkin Surface Protection LLC with pressure-sensitive stone adhesive and proprietary scratch-resistant hard coat.

2.02 MATERIAL PROPERTIES

A. TuffSkin Surface Protection to be approximately 4 mils thick.

B. Chemical and Stain resistance. No changes with 24-hour exposure for Coca-Cola, Wine, Ketchup, Vinegar, House-Use Ammonia (10%), HCL (10%), Soy Sauce, Black Water-Ink Marker, Facial Soap Diluted Water (1%), Body Soap Diluted Water (1%), Formalin, or Oxygenated Water.

C. Abrasion Resistance (JIS K7204) Taber® Abraser Abrasion wheel: CF-10 Loading weight : Cycles- 100 cycles with no scratching or hazing on surface.

D. Moisture Vapor: .4625 Cubic Centimeters of moisture vapor and Oxygen transfer through 100 square inches of TuffSkin coatings in a 24-hour period.

E. VOC tested: < .5 mg/m³ in accordance with ANSI/BGI 01-2010 Green Building Assessment Protocol.

Formaldehyde³ Compliant: Yes. TVOC⁴ Compliant: Yes.

F. Product to reject 99% ultraviolet penetration.

G. Roll Width: Up to 72"

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine countertop surfaces for compliance with requirements for flat, smooth surface and stone installation conditions affecting the performance of work in this section. Do not proceed with installation until unsatisfactory conditions have been corrected.

B. Scheduling of installation by Owner or its representative implies that substrate and conditions are prepared and ready for product installation. Proceeding with installation implies installer's acceptance of substrate and conditions.

3.02 PREPARATION

A. Comply with manufacturer's instructions for surface preparation.

B. Clean substrate of substances that could impair the overlay's bond, including mold, mildew, oil, grease, incompatible primers and dirt.

C. Prepare substrates to achieve a smooth, dry, clean surface, free of flaking, unsound coatings, cracks and defects.

D. Install substrates with no gaps or overlaps. Form smooth, wrinkle-free, bubble-free surface for finished installation.

3.03 APPLICATION

A. Application must be performed by certified installer. Comply with manufacturer's installation instructions applicable to products and applications indicated, except where more stringent requirements apply. B. Apply TuffSkin Surface Protection over properly prepared substrate.

C. Remove 95% of air bubbles, wrinkles, blisters and other defects.

3.04 SCHEDULE

A. When more than one type of surfacing is specified in this section, it will be necessary to identify where each type is to be used. A schedule may be useful for that purpose, if the types are not to be indicated on the drawing.

3.05 CLEANING

A. Cleaning TuffSkin is simple and can be done with soap and water or any commercial cleaner to clean the surface. Final cleaning is done with a dry microfiber towel.

B. Do not use abrasives like Comet or Softscrub. Do not scrub with steel wool or scrape with razor blades. C.

Do not attempt to peel the product away from stone or metal. TuffSkin is made to be replaceable in case of damage. It is possible to peel it back with a knife or a fingernail. TuffSkin peeled away from the stone or metal is intentional damage and is not covered under the warranty.

D. Use a cutting board. Do not cut, chop, or slice on your counter tops. TuffSkin can be cut and scratched. Respect your beautiful stone and metal tops as if there was no coating. If any section of TuffSkin does scratch, simply call for a removal and replacement service confident your marble itself is not scratched.

END OF SECTION