

**RXM™ Coatings  
Specifications**

**SECTION 09770**

**SPECIAL WALL SURFACES**

**PART 1 GENERAL**

**1.01 SUMMARY**

A. Section Includes: Masking, protection of adjacent surfaces, priming, finishing, and cleanup of coated areas throughout the project as designated on the drawings and finish schedules. (Write a general description of the scope of work)

B. Related Sections:

1. 04200 - Masonry Units.
2. 07800 - Fire and Smoke Protection.
3. 09940 - Decorative Finishes.

**1.02 DEFINITIONS**

A. Acrylic Coating: Specialty acrylic textured coatings meeting the minimum performance specifications stated herein.

**1.03 SUBMITTALS**

A. Product Data: Submit manufacturer's product information including installation instructions, product description, and product data sheets.

B. Samples: Prior to beginning work, furnish the architect with color and texture selections. Manufacturer shall create and submit samples of the selected colors and textures for architect's review.

1. On 4' x 8' substrate at the job site, provide a sample of each specified color and texture combination to simulate actual conditions. Resubmit samples as requested by architect until acceptable.

2. Final acceptance of finish will be from samples applied at mock-up at the project site.

**1.04 QUALITY ASSURANCE**

A. General: Work shall be done by skilled applicator in accordance with the best standard practice and in a manner acceptable to the architect. Any work not conforming to these specifications shall be corrected to the satisfaction of the architect at the expense of the installing contractor.

B. Qualifications: Applicators shall be factory trained and certified to apply materials prior to commencing work. Applicator shall submit a photocopy of factory Certificate as proof of factory certification at the start of work.

C. Regulatory Requirements:

1. International Conference of Building Officials (ICBO), Section 4204, Class 1.
2. Southern Building Code Congress International (SBCCI), Section 704.2, Class A.
3. Southern Florida Building Code; Section 3078.2, Class A.
4. American Society for Testing and Materials (ASTM) E-84-91a - Surface Burning Characteristics of

Building Materials.

D. Coordination of Work: Review other sections of these specifications in which primers, substrates, or other substances might be present to insure compatibility of total coatings systems. Upon request from other trades, furnish information or characteristics of coating materials provided for use, to insure compatible substrate materials and finishes are used.

### **1.05 DELIVERY AND STORAGE**

A. Deliver materials to project site in original, new and unopened containers bearing manufacturer's name and label, and the following information;

1. Name of coating material and batch number.
2. Contents of containers including color name and number.

B. Storage and Protection: Store materials in tightly covered containers. Maintain containers in a clean condition. Protect from freezing and maintain temperatures below 100 degrees F. Keep materials organized by name of coating to reduce the risk of error. Do not stack materials more than four containers high for the primer and eggshell coating materials and three high for the texture, skim coat, and raised texture materials. Protect from fire hazards.

### **1.06 SITE CONDITIONS:**

A. Apply materials only when surface temperature is between 50 and 100 degrees F.

B. Protect finishes from abrasion for a period of 2 days after installation. Mask all areas that will not be coated and wipe away any overspray of the manufacturer's materials on other surfaces.

C. Cut and remove masking tape and film with a sharp razor knife, and clean all adjacent surfaces upon completion of each work area. Do not leave masking tape or overspray material in place until hard.

### **1.07 WARRANTY**

A. Provide manufacturer's standard 10-year limited warranty.

## **PART 2 PRODUCTS**

### **2.01 MANUFACTURER**

A. RXM™ coatings as manufactured by TM Pratt & Company, 100 NE 38th Street, Suite 5, Miami, FL 33137. Telephone: (800) 776-3316, Facsimile: (305) 576-8416, E-mail: info@tmpratt.com.

B. Other manufacturer's products complying with the qualitative and selection requirements may be considered by the architect provided such products are submitted to the architect for review (select 5 days or 10 days) prior to bidding and with sufficient time allowed for evaluation prior to bidding. Submit proposed substitute products with supporting documentation to verify conformance with the above requirements, pursuant to the Section 01630 - Product Substitutions Procedures. Attempts to shortcut the specified product substitution process could result in disqualification of the proposed substitute product.

### **2.02 MATERIALS**

NOTE TO SPECIFIER:

Edit the following to suit project conditions.

A. Color Selection:

1. As selected by the Architect.
2. Provide eggshell finish color.
3. Provide texture coat color.
4. Provide skim coat color
5. Provide raised texture color.

**NOTE TO SPECIFIER:**

The manufacturer provides one or more colors to create muted stains. Select as required to suit project conditions.

6. Provide color for stain.

**NOTE TO SPECIFIER:**

Edit the following manufacturer's finishes to suit project conditions.

**B. Skim coat:**

1. Provide skim coat tinted or white for preparation of concrete block.

**NOTE TO SPECIFIER:**

Edit the following manufacturer's finishes to suit project conditions.

**C. Texture:**

2. Standard Texture Finish: Includes eggshell finish and texture coat.
3. Raised Texture Finish: Includes eggshell finish and raised texture coat.
4. Full Texture Finish: Includes eggshell finish, and a near complete coverage of the texture coat.
5. Texture over raised: Includes eggshell finish, raised texture coat, and texture coat.
6. Provide custom Texture finish.

**NOTE TO SPECIFIER:**

TM Pratt and Company produces various types of primers for different substrate conditions; consult with the manufacturer for proper selection. Edit the following to suit project conditions.

**I. Primers:**

1. Styrene Acrylic Primer: 300 square feet per gallon.
2. Stain Block Primer: 250 square feet per gallon.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Examine substrate prior to commencing with the installation of the coatings.

### **3.02 PREPARATION**

- A. Perform preparation and cleaning procedures in accordance with manufacturer's installation instructions and as specified, for each particular substrate condition.

1. Review and adhere to the recommendations stated in the Manufacturer's Material Safety Data Sheet.

B. Remove or mask all hardware, switch plates, lighting fixtures, and other items attached to the substrate and not to be coated prior to application of coatings. Mask to avoid overspray damage to areas such as ceilings, floors, carpets, tiles, doors, windows, jams, and moldings.

C. If necessary, clean surfaces before applying any materials.

D. Surface Preparation:

NOTE TO SPECIFIER:

Edit the following subparagraphs to suit project conditions.

1. Drywall: Prepare drywall to industry acceptable standard for hanging vinyl wall covering. Remove any dust. Do not prime the drywall.

2. Cementitious Substrates: Prepare cementitious surfaces such as concrete, concrete block, cement plaster, etc. by cleaning as noted above; then patch all major holes, joint lines, etc., using manufacturer's skim coat material.

3. Ferrous Metals: Clean with non-petroleum based solvent. Prime all bare metal surfaces with a good quality rust inhibiting primer prior to application of any coatings.

4. Galvanized Surfaces: Clean with non-petroleum based solvent.

5. Existing Painted Surfaces: Clean surface with soap and water to remove oils, dust, etc. Lightly sand surface to improve adhesion. Remove any paint that is not adhering to the substrate.

### **3.03 APPLICATION**

A. If necessary, stir materials before application with a power drill and a paint paddle for the primer and eggshell finish materials and a drywall compound paddle for the texture Coat, raised texture coat and skim coat materials. Keep containers closed until the material is used.

B. Thinning: Coating materials come mixed and tinted to match specifications. Thinning of the material is not recommended. See manufacturer's written installation instructions for thinning details.

C. Apply coating materials in accordance with the manufacturer's instructions to achieve the appearance of the approved samples. Coating materials shall be used as a system that may include a primer, skim coat, eggshell finish, texture coat, or raised texture coat materials and other accent, stain, or topcoat materials.

D. Coat surfaces behind removable equipment or furniture units such as refrigerators or bar units with the same coatings as exposed substrates.

E. Finishes requiring primer: Apply acrylic coating manufacturer furnished primer with an airless paint sprayer or 1/4 to 3/8 inch nap paint roller at a coverage rate of 300 square feet per gallon for styrene acrylic primer or 250 square feet per gallon for the stain block primer. Allow to dry (minimum of 1 to 2 hours).

F. Finishes requiring Skim Coat: Apply factory supplied skim coat at a rate of 20-50 square feet per gallon following manufacturer's installation instructions for different substrate conditions.

G. Finishes requiring eggshell finish coat: Apply factory supplied eggshell finish at a rate of 175 square feet per gallon. Apply with an airless paint sprayer or 1/2-inch nap paint roller to achieve visible coverage. Apply eggshell finish at a uniform film thickness.

H. Apply Texture coat or raised texture coat(s) and other accent, stain, or topcoat materials in accordance with manufacturer's instructions until finish is equivalent to samples approved by architect.

### **3.04 CLEANING AND PROTECTION**

A. Clean Up: Remove all masking materials and discard empty containers to refuse. Clean up any overspray with water.

B. Protection: Provide signs as needed to protect coatings from damage by others.

C. After completion of work by all trades, repair damaged finish areas.

1. Applicator to provide touch up cleaning and maintenance equipment and instructions in the form of a repair kit as provided by the manufacturer.

**END OF SECTION**