

Part 1 General

1.1 REFERENCES

- .1 American Society for Testing and Materials
 - .1 ASTM C1620-16 - Standard Specification for Aerosol Polyurethane and Aerosol Latex Foam Sealants
- .2 Canadian Urethane Foam Contractors' Association Inc. (CUFCA)
- .3 Health Canada/Workplace Hazardous Materials Information System (WHMIS)
 - .1 Material Safety Data Sheets (MSDS).
- .4 Underwriters' Laboratories of Canada (ULC)
 - .1 CAN/ULC-S101, Fire Endurance Tests of Building Construction and Materials.
 - .2 CAN/ULC-S102, Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.
 - .3 CAN/ULC-S705.1, Standard for Thermal Insulation - Spray Applied Rigid Polyurethane Foam, Medium Density, Material Specification.
 - .4 CAN/ULC-S705.2, Standard for Thermal Insulation - Spray Applied Rigid Polyurethane Foam, Medium Density, Application.

1.2 SUBMITTALS

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit manufacturer's printed product literature, specifications and datasheet and include product characteristics, performance criteria, physical size, finish and limitations.
 - .2 Submit two copies WHMIS MSDS - Material Safety Data Sheets.
- .3 Quality assurance submittals: submit following in accordance with Section 01 45 00 - Quality Control.
 - .1 Test reports: submit certified test reports for insulation from approved independent testing laboratories, indicating compliance with specifications for specified performance characteristics and physical properties.
 - .2 Submit test reports in accordance with CAN/ULC-S101 for fire endurance and CAN/ULC-S102 for surface burning characteristics.
 - .3 Manufacturer's Instructions: submit manufacturer's installation instructions and special handling criteria, installation sequence, cleaning procedures.

1.3 QUALITY ASSURANCE

- .1 Applicators to conform to CUFCA Quality Assurance Program.
- .2 Qualifications:
 - .1 Installer: person specializing in sprayed insulation installations with 5 years' experience.

- .2 Manufacturer: company with minimum 5 years experience in producing of material used for work required for this project, with sufficient production capacity to produce and deliver required units without causing delay in work.
 - .3 Mock-up:
 - .1 Construct mock-up in accordance with Section 01 45 00 - Quality Control.
 - .2 Construct mock-up of sprayed insulation of at least one window opening.
 - .3 Mock-up may be part of finished work.
 - .4 Allow for inspection of mock-up by Departmental Representative before proceeding with sprayed insulation work.
 - .4 Health and Safety Requirements: worker protection:
 - .1 Protect workers as recommended by CAN/ULC-S705.2 and manufacturer's recommendations:
 - .2 Workers must wear gloves, respirators, and eye protection when applying foam insulation.
 - .3 Workers must not eat, drink or smoke while applying foam insulation.
- 1.4 DELIVERY, STORAGE AND HANDLING**
- .1 Packing, shipping, handling and unloading:
 - .1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements.
 - .2 Deliver, store and handle materials in accordance with manufacturer's written instructions.
 - .2 Waste Management and Disposal:
 - .1 Separate waste materials for [reuse] [and] [recycling] in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- 1.5 SITE CONDITIONS**
- .1 Ventilate area to receive insulation by introducing fresh air and exhausting air continuously during and after application to maintain non-toxic, unpolluted, safe working conditions.
 - .2 Provide temporary enclosures to prevent spray and noxious vapours from contaminating air beyond application area.
 - .3 Protect adjacent surfaces and equipment from damage by overspray, fall-out, and dusting of insulation materials.
 - .4 Apply insulation only when surfaces and ambient temperatures are within manufacturers' prescribed limits.
- Part 2 Products**
- 2.1 MATERIALS**
- .1 Insulation: high density spray polyurethane to CAN/ULC-S705.1.
 - .2 Low Density aerosol polyurethane for window perimeters, to ASTM C1620-16, ASTM E 283 & ASTM E331.

- .3 Primers: in accordance with manufacturer's recommendations for surface conditions.

Part 3 Execution

3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Compliance: comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheets.

3.2 APPLICATION

- .1 Apply insulation to clean surfaces in accordance with CAN/ULC-S705.2 and manufacturer's printed instructions.
- .2 Use primer where recommended by manufacturer.
- .3 Apply sprayed foam insulation in thickness as indicated.

3.3 FIELD QUALITY CONTROL

- .1 Manufacturer's Field Services:
 - .1 Provide manufacturer's field services consisting of product use recommendations and periodic site visits for inspection of product installation in accordance with manufacturer's instructions.

3.4 CLEANING

- .1 Proceed in accordance with Section 01 74 11 – Cleaning.
- .2 On completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.

END OF SECTION

Part 1 General

1.1 REFERENCES

- .1 Canadian General Standards Board (CGSB)
 - .1 CAN/CGSB-51.33-M89, Vapour Barrier Sheet, Excluding Polyethylene, for Use in Building Construction.
 - .2 CAN/CGSB-51.34-M86, Vapour Barrier, Polyethylene Sheet, for Use in Building Construction.

1.2 SUBMITTALS

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit manufacturer's printed product literature, specifications and datasheet and include:
 - .1 Product characteristics.
 - .2 Performance criteria.
 - .3 Limitations.
- .3 Quality assurance submittals:
 - .1 Certificates: submit certificates signed by manufacturer certifying that materials comply with specified performance characteristics and physical properties.
 - .2 Instructions: submit manufacturer's installation instructions and comply with written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheet.

1.3 QUALITY ASSURANCE

- .1 Health and Safety Requirements: do construction occupational health and safety in accordance with Section 01 35 29.06 - Health and Safety Requirements.
- .2 Mock-Ups:
 - .1 Submit mock-ups in accordance with Section 01 45 00 - Quality Control.
 - .2 Construct mock-up of sheet vapour barrier installation. Mock-up may be part of finished work.
 - .3 Mock-up will be used to judge workmanship, substrate preparation, and material application.
 - .4 Locate where directed as part of total assembly.
 - .5 Allow for inspection of mock-up by Departmental Representative before proceeding with vapour barrier work.
- .3 When accepted, mock-up will demonstrate minimum standard of quality required for this work. Approved mock-up may remain as part of finished work.

Part 2 **Products**

2.1 **SHEET VAPOUR BARRIER**

- .1 Wall Membrane: to CAN/CGSB-51.34-M86/ CAN/CGSB-51.33-M89, ASTM E2357, Type I Water Vapor Permeance requirements, Self-Adhesive; 1 mm thick minimum.
 - .1 Air leakage: <0.0001 CFM/ft² @1.6 lbs/ft² to ASTM E2178 and ASTM E283 and have no increased air leakage when subjected to a sustained wind load of 10.5 lbs/ft² for 1 hour and gust wind load pressure of 62.8 lbs/ft² for 10 seconds when tested at 1.6 lbs/ft² to ASTM E331.
 - .2 Prime to membrane manufacturer's recommendations.
- .2 Accessories
 - .1 Tape: permanent acrylic adhesive back, polypropylene, type as recommended by manufacturer.
 - .2 Air/Vapour Barrier transition strip: sheet air/vapour barrier, width to provide minimum 100 mm lap to both roof and wall air/vapour barriers.
 - .3 Backer Rod: as per vapour retarder manufacturer's recommendation.
 - .4 Through-wall flashing membrane, of type as recommended by Manufacturer
- .3 Sealants: to membrane manufacturer's recommendations.
- .4 Flashings/Metal Break Shapes: refer to Section 07 62 00.

2.2 **ACCESSORIES**

- .1 Joint sealing tape: air resistant pressure sensitive adhesive tape, type recommended by vapour barrier manufacturer, 50 mm wide for lap joints and perimeter seals, 25 mm wide elsewhere.
- .2 Sealant: compatible with vapour retarder materials, recommended by vapour retarder manufacturer.
- .3 Staples: minimum 6 mm leg.
- .4 Moulded box vapour barrier: factory-moulded polyethylene box for use with recessed electric switch and outlet device boxes.

Part 3 **Execution**

3.1 **INSTALLATION**

- .1 Ensure services are installed and inspected prior to installation of retarder.
- .2 Install sheet vapour retarder on warm side of exterior wall to form continuous retarder.
- .3 Use sheets of largest practical size to minimize joints.
- .4 Inspect for continuity. Repair punctures and tears with sealing tape before work is concealed.

3.2 EXTERIOR SURFACE OPENINGS

- .1 Cut sheet vapour retarder to form openings and ensure material is lapped and sealed to frame.

3.3 PERIMETER SEALS

- .1 Seal perimeter of sheet vapour barrier as follows:
 - .1 Apply continuous bead of sealant to substrate at perimeter of sheets.
 - .2 Lap sheet over sealant and press into sealant bead.
 - .3 Install staples through lapped sheets at sealant bead into wood substrate.
 - .4 Ensure that no gaps exist in sealant bead. Smooth out folds and ripples occurring in sheet over sealant.

3.4 LAP JOINT SEALS

- .1 Seal lap joints of sheet vapour barrier as follows:
 - .1 Attach first sheet to substrate.
 - .2 Apply continuous bead of sealant over solid backing at joint.
 - .3 Lap adjoining sheet minimum 150 mm and press into sealant bead.
 - .4 Install staples through lapped sheets at sealant bead into wood substrate.
 - .5 Ensure that no gaps exist in sealant bead. Smooth out folds and ripples occurring in sheet over sealant.
 - .6 .

3.5 CLEANING

- .1 Upon completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.

END OF SECTION

Part 1 General

1.1 References

- .1 American Society for Testing and Materials International (ASTM)
 - .1 ASTM D523-08, Standard Test Method for Specular Gloss.
 - .2 ASTM D822-01(2006), Standard Practice for Filtered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings.
- .2 Canadian Standards Association (CSA International)
 - .1 AAMA/WDMA/CSA 101/I.S.2/A440-2008, Standard/Specification for Windows, Doors, and Unit Skylights.
 - .2 CSA B111-1974(R2003), Wire Nails, Spikes and Staples.
- .3 South Coast Air Quality Management District (SCAQMD), California State
 - .1 SCAQMD Rule #1113-04, Architectural Coatings.
 - .2 SCAQMD Rule #1168-05, Adhesives and Sealants.

1.2 Submittals

- .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Samples:
 - .1 Submit 50 x 50 mm samples of each type of sheet metal material, finishes and colours.

1.3 Quality Assurance

- .1 Pre-Installation Meetings: convene pre-installation meeting one week prior to beginning on-site installation, with contractor's representative and Departmental Representative in accordance with Section 01 32 16.06 - Construction Progress Schedule to:
 - .1 Verify project requirements.
 - .2 Review installation and substrate conditions.
 - .3 Co-ordination with other building subtrades.
 - .4 Review manufacturer's installation instructions and warranty requirements.

Part 2 Products

2.1 Prefinished Steel Sheet

- .1 Prefinished steel to ASTM A606/A606M-09a with factory applied polyvinylidene fluoride.
 - .1 Class F1S.
 - .2 Colour to match existing.
 - .3 Specular gloss: 30 units +/- in accordance with ASTM D523.
 - .4 Coating thickness: not less than 22 micrometres.
 - .5 Resistance to accelerated weathering for chalk rating of 8, colour fade 5 units or less and erosion rate less than 20 % to ASTM D822 as follows:
 - .1 Outdoor exposure period 2500 hours.

- .2 Humidity resistance exposure period 5000 hours.

2.2 Accessories

- .1 Isolation coating: alkali resistant bituminous paint.
- .2 Plastic cement: to CAN/CGSB 37.5.
 - .1 Maximum VOC limit 50 g/L to SCAQMD Rule 1168 and to GSES GS-36.
- .3 Sealants: to CAN/CGSB-19.24-M80, multi-component, chemical curing.
 - .1 Test for acceptable VOC emissions in accordance with ASTM D2369 and ASTM D2832.
 - .2 Acceptable materials: Environmental Choice Certification Program ECP-45.
- .4 Cleats: of same material, and temper as sheet metal, minimum 50 mm wide. Thickness same as sheet metal being secured.
- .5 Fasteners: of same material as sheet metal, to CSA B111, ring thread flat head roofing nails of length and thickness suitable for application.
- .6 Washers: of same material as sheet metal, 1 mm thick with rubber packings.
- .7 Touch-up paint: as recommended by prefinished material manufacturer.

2.3 Fabrication

- .1 Fabricate metal flashings and other sheet metal work in accordance with applicable CRCA 'FL' series details.
- .2 Form pieces in 2400 mm maximum lengths.
 - .1 Make allowance for expansion at joints.
- .3 Hem exposed edges on underside 12 mm.
 - .1 Mitre and seal corners with sealant.
- .4 Form sections square, true and accurate to size, free from distortion and other defects detrimental to appearance or performance.
- .5 Apply isolation coating to metal surfaces to be embedded in concrete or mortar.

2.4 Metal Flashings

- .1 Form flashings, copings and fascias to profiles indicated of 0.7 mm thick prefinished steel.

Part 3 Execution

3.1 Manufacturer's Instructions

- .1 Compliance: comply with manufacturer's written recommendations, including product technical bulletins, handling, storage and installation instructions, and datasheets.

3.2 Installation

- .1 Install sheet metal work in accordance with CRCA FL series details.
- .2 Use concealed fastenings except where approved before installation.
- .3 Provide underlay under sheet metal.
 - .1 Secure in place and lap joints 100 mm.
- .4 Counterflash bituminous flashings at intersections of roof with vertical surfaces and curbs.
 - .1 Flash joints using S-lock forming tight fit over hook strips.
- .5 Lock end joints and caulk with sealant.
- .6 Insert metal flashing under cap flashing to form weather tight junction.
- .7 Turn top edge of flashing into recessed mortar joint minimum of 25 mm. Lead wedge flashing securely into joint.
- .8 Caulk flashing at cap flashing with sealant.
- .9 Install pans, where shown around items projecting through roof membrane.

END OF SECTION

Part 1 General

1.1 SECTION INCLUDES

- .1 Preparing sealant substrate surfaces.
- .2 Placement of joint fillers, backing and sealant.

1.2 REFERENCE STANDARDS

- .1 ASTM Standards:
 - .1 ASTM C920-02: Standard Specification for Elastomeric Joint Sealants.
- .2 CGSB Standards:
 - .1 CAN/CGSB-19.24-M90: Multi-Component, Chemical Curing Sealing Compound.

1.3 QUALIFICATIONS

- .1 Perform Caulking using parties recognized for ability in the trade, having at least five (5) years proven satisfactory experience, to carry out the work and/or supervise skilled mechanics thoroughly trained and competent in the use of caulking and sealing materials using pressure operated equipment.
- .2 Perform Work in accordance with the sealant manufacturer's requirements for preparation of surfaces and materials installation instructions.

1.4 PRODUCT DATA

- .1 Submit product data in accordance with Section 01 33 00.
- .2 Submit duplicate copies of manufacturer's product literature for each type of sealant material specified.

1.5 PROTECTION

- .1 If sealant can be damaged before it has cured sufficiently, provide adequate protection. If damaged, remove sealant and renew the application.

1.6 DELIVERY/STORAGE

- .1 Deliver all materials and store in original wrappings and containers with manufacturer's seals and labels intact, and as recommended by the manufacturer of the sealant.
- .2 Maintain containers and labels in undamaged condition.

1.7 ENVIRONMENTAL CONDITIONS

- .1 Do not work at temperatures greater or less than those recommended by the manufacturer.
- .2 Maintain air temperature range of 4°C to 27°C in areas to receive sealants, 24 hours before, during application, and until sealants have cured.

- .3 Should it become necessary to apply sealants at temperatures below or above this range, advise the Departmental Representative and consult sealant manufacturer and follow the latter's recommendations.
- .4 Protect all work against damage and disfigurements and work of other trades against soiling and damage arising out of this work. Upon completion, replace and repair all defective work.
- .5 Examine substrate materials, joint voids, and note temperature/humidity conditions. Report unacceptable conditions to the Departmental Representative.
- .6 Commencement of work implies acceptance of conditions.

1.8 SAFETY REQUIREMENTS

- .1 Comply with requirements of Workplace Hazardous Materials Information System (WHMIS) regarding use, handling, storage, and disposal of hazardous materials; and regarding labeling and provision of material safety data sheets acceptable to Labour Canada and Occupational Health and Safety.
- .2 Product may cause chemical burns on skin if not washed out within 5 minutes or in the eyes if not washed out immediately with water for a period of five minutes.
 - .1 Goggles, gloves and other suitable safety equipment should be used.
 - .2 Over time and over exposure can cause a skin reaction to occur.
 - .3 See manufactures Data Sheet before using.
- .3 Ventilate area of work as using acceptable portable supply and exhaust fans.

1.9 COMPATIBILITY

- .1 Ensure that all materials used are compatible.
- .2 Declaration of Materials Compatibility: Submit written declaration stating that sealant materials are compatible with adjacent materials and substrates and are acceptable to the sealant manufacturer. Include a list of materials, suppliers and manufacturers.

1.10 GUARANTEE

- .1 For Work of this Section 07 92 10.13 – Security Sealants, 12 months warranty period prescribed in subsection GC 3.13 of General Conditions "C" is extended to 60 months as described below.
- .2 Provide a written guarantee endorsed and issued in the name of Her Majesty the Queen stating that all sealant and caulking work is guaranteed against leakage, cracking and deterioration, shrinkage, loss of cohesion, loss of adhesion, staining of adjacent surfaces, integral staining or failure to provide intended seal; for a period of five (5) years from date of Substantial Performance of the contract and that any defects will be replaced including related materials at no cost to the Departmental Representative.
- .3 Provide manufacturers guarantee, that its products are of the quality represented in its product literature and package markings and, when applied in accordance with its current specifications and application instructions, will perform as stated in its product literature.
- .4 Include this scope provision within the scope of the Performance Bond.

Part 2 Products

2.1 MATERIALS

- .1 Security Type Sealant: Epoxy sealant type 4, two (2) component, “pick proof”, solvent-free, moisture-insensitive, high-modulus, high-strength, fire retardant, colour to match adjacent substrate or as selected by the Departmental Representative, to the following properties:

Physical Properties		Part A & B	
Shore D Hardness		65	
Specified Gravity		1.5-1.6	
Tensile		7000 psi min.	
Bond Strength		27.1 mpa (3930 psi.) @ 72 hours	
Pot Life		30 min.	
Cure Time	10°C (50°F)	20°C (68°F)	30°C (86°F)
Gel	12 hours	8 hours	6 hours
Full Cure	7 days	3 days	1 day

- .2 Joint Cleaner: Non-corrosive solvent recommended by sealant manufacturer for applicable substrate materials.
- .3 Primer: Non-staining type recommended by sealant manufacturer.
- .4 Joint Filler: Round closed cell, non-staining, non-absorbent foam, extruded polyethylene shore hardness 20, tensile strength 138-207 KPa oversized 30-50%. For backup to large joints, cavities or voids, use fibreglass wool.
- .5 Bond Breaker: Pressure sensitive polyethylene tape, not bondable to sealant.

2.2 COLOURS

- .1 Colours: to match adjacent material, as selected by the Departmental Representative.

Part 3 Execution

3.1 PREPARATION

- .1 Surface Cleaning: Clean all surfaces required to be caulked, removing all loose particles, dust, oil, wax, protective coatings, mould release agents, and the like, using brush, solvents, or acid etching methods.
 - .1 Concrete: Must be sound, free of grease, laitance, etc. Concrete must be dry.
 - .2 Steel: Remove rust, old paints, etc. Solvent cleaners to remove oil, etc.
 - .3 Wood: Must be dry and free of paint, oil, etc.
 - .4 Plastics: Consult sealant manufacturer for written instructions.
- .2 Primer Application: Prior to application of primer where required, test primers for possible yellowing, discolouration, and dirt pick-up when applied over face of porous substrates.
- .3 Following testing apply primers to joints following manufacturer's recommendations.

- .4 When tests indicate discolouration, dirt pick-up and the like on surfaces, take special precautions when applying, by masking surfaces not required to be primed.
- .5 Ensure that the sealant manufacturer's representative reviews site conditions, joint design and installers qualifications. Report unsatisfactory conditions to the Departmental Representative. Ensure that sealants are compatible with adjoining materials.
- .6 Ensure that the sealant manufacturer's representative checks container labels, random inspect preparation of substrate materials and random test installed work.

3.2 APPLICATION - GENERAL

- .1 One component silicone sealant for exterior caulking and other non-security sealant applications, by Section 07 92 00.
- .2 Apply foam bead to within 10 mm of face of joint.
- .3 Ensure all surfaces are clean. Caulk only when surface temperature is between 4°C and 26°C.
- .4 Apply sealant in accordance with manufacturer's instructions.
- .5 Use pressure gun fitted with suitable nozzle.
- .6 Ensure finished surfaces of sealant are smooth and free from ridges, wrinkles, or foreign matter.
- .7 Prime joints when recommended by manufacturer. Use a brush that will reach all parts of the joints.
- .8 Wire brush loose surfaces (such as brick or masonry).
- .9 Ensure bead is solid, filling entire space between sides and bedding material, and exerting sufficient pressure on sides to obtain maximum bond, by allowing sealant to bulge out in advance of nozzle.

3.3 APPLICATION OF SEALANTS

- .1 Apply sealant in accordance with manufacturer's directions, using a pressure air gun with proper size nozzle. Use sufficient pressure to fill voids and joints solid. Superficial pointing with skin bead is not acceptable.
- .2 Apply security sealant to all interior joints between dissimilar materials and elsewhere as required or indicated on the Drawings. The only interior areas not requiring Security Sealants are to the Administration Area.
- .3 Joints should be filled to approximately 2/3 full and let set for approximately 4 hours, then fill the remainder. The level of epoxy should be just above the surface. Passing a propane torch over the surface an hour after application will break any bubbles. Excess epoxy can be cut off with a scraper the next day.
- .4 Cold Temperature: Apply only when temperatures are above 0C.
- .5 Provide bond breaker between security sealant and glass. Remove excess bond breaker exposed after sealant has cured.

- .6 Provide bond breaker at radiant heat ceiling panel. Remove excess bond breaker exposed after sealant has cured.
- .7 Joint Design: Fill all spaces that are deeper than width of joint, with approved backup material. Ensure that the backup material fills the joint out to a dimension that is equal to the width of the joint, but in no case less than half the width of the joint.
- .8 Sealant Application: Gun apply sealants through a nozzle opening of such shape and diameter that the full bead of sealant is gunned into the joint, filling the joint completely; to the approval of the Departmental Representative.
- .9 A superficial or skin bead in joints will not be acceptable.
- .10 Tool all beads immediately after application to ensure firm, full contact with the inner faces of the joint. Strike off excess material with tooling stick or knife.
- .11 Upon completion ensure caulking surfaces are smooth, even, free from ridges, wrinkles, air pockets, and embedded foreign matter.
- .12 Joint Finishes: Finish joints in flush surfaces; fill joints full in internal angles, except as otherwise detailed. Use wet tool as required. Avoid the use of face fillet (or angle bead) joints. CONCAVE OR CONVEX JOINTS WILL BE REJECTED.
- .13 Where sharp, exact bead lines are desired, use masking tape. When taping, avoid touching cleaned and primed areas to which sealant is to be applied. Remove masking tape immediately after bead is placed and tooled, to avoid damage to developing surface skin.
- .14 Completely fill void with compound into which they are installed. Remove excess immediately following installation.
- .15 Do not provide security sealant to light switch plates, electrical plug plates and sprinkler heads.

3.4 BOND BREAKER

- .1 Use foam bead as specified, to limit depth of sealant and to act as bond breaker at back of joint (adhesion is not required at back of joint).
- .2 Where depth of joint does not permit the use of foam bead, apply paper masking tape to the back of the joint to act as bond breaker.

3.5 CLEANING

- .1 Promptly as work proceeds remove all excess material or smears from surfaces beyond joint or surface to be caulked, using solvents as recommended by the manufacturer's representative. If sealant or caulking has set up, employ mechanical removal.
- .2 During application, maintain areas of work in clean condition daily removing from the premises and site all rubbish and surplus material.
- .3 Clean immediately soiled non-porous materials.
- .4 On porous surfaces, remove any excess sealant as recommended by manufacturer.

- .5 Sealant manufacturer recommends that equipment must be cleaned after use with Sealant Manufacturers Solvent. Cured material can only be removed by burning.

END OF SECTION