



# TECHNICAL DATA

PRODUCT CODE

137 XX0

Technical data # 20161108

## «LATEX 9000»

### DESCRIPTION

Superior quality polyurethane added acrylic thermo-elastomeric latex-based sealant especially formulated to be used inside or outside.

### INTENDED USES

Used to seal the joints between two perpendicular surfaces submitted to medium movements between the frames of doors and windows, sidings and glass in window frames.

Can be used on painted or stained wood, aluminum or vinyl sidings (exterior sidings), glass and fibreglass.

**REMARKS:** → Does not withstand immersion (tank) or abrasion (foot traffic);  
→ Not to be applied outside if rain is expected within 12 hours.

### ADVANTAGES

- ⇒ Environmentally friendly product; contains less than 3% volatile organic compounds.
- ⇒ Ease of application, does not generally require priming.
- ⇒ Multipurpose with a good adhesion on many construction materials including glass.
- ⇒ Contains an effective fungicide to prevent mildew growth on the surface.
- ⇒ Professional quality with an excellent life expectancy.
- ⇒ Can be applied around showers or bathtubs.
- ⇒ Remains flexible with a superior and permanent elasticity up to -20°C (-5°F).
- ⇒ No staining of surrounding surfaces.
- ⇒ Allows a joint movement up to 25% of the original joint width.
- ⇒ Can be applied on vertical, horizontal or overhanging surfaces without subsiding or sagging.
- ⇒ Does not require painting, however it can be painted over 1 hour after application (latex only).
- ⇒ Resists the average rain 12 hours after application.
- ⇒ Withstands weathering, ultraviolet rays and temperature changes.
- ⇒ No toxic vapours.

### STORAGE AND APPLICATION TEMPERATURES

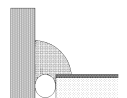
«LATEX 9000» contains water. It may freeze. Although it is stable at a limited number of freeze-thaw cycles, it is recommended not to let it freeze. Always store it in a dry place where the temperature is between 10°C (50°F) and 30°C (86°F). Under these conditions, the sealed cartridges could be preserved for 3 years. If however it froze, warm it up to a temperature between 10°C (50°F) and 30°C (86°F) during 24 hours before use. To allow the product to dry, the product, the air and the materials should be at a temperature above 5°C (40°F) during the application and the following days. The application of «LATEX 9000» should not be done if a temperature below 5°C (40°F) is expected within 24 hours of the application.

### SURFACE PREPARATION

There must be a free space between the two materials to permit their dimensional variations. Once applied, the sealant caulks the aperture. It will get compressed or stretched out depending on the movement of the materials.

To determine the size of the joint, one must take into consideration the expansion or the contraction the materials will be subjected to with humidity and temperature variations. It must also be noted that some materials have greater dimensional variations than others. If possible, apply «LATEX 9000» whenever the size of the aperture between the materials is in-between.

When the joint covers an aperture of 6 mm (1/4 in.) or larger, the joint must be sustained by a backing rod in polyethylene. The diameter of the backing rod must be approximately 3 mm (1/8 in.) wider than the width of the joint to permit compression.



New metal and solvent resistant oily surfaces must be washed with acetone and dried up. Surfaces sensitive to solvents such as vinyl or dirty plastic materials must be washed out with a soapy solution, then rinsed and dried up.

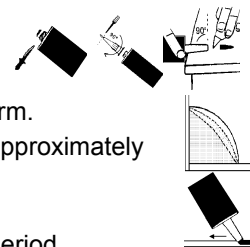
If an old sealant or putty is present, it must be taken off. The surface must be in a seemingly new, dry, firm and clean state. It must also be free of creosote, oil, grease, wax, silicone or silicone-based product, rust, any loose or foreign material.

### REQUIRED PRIMER

«LATEX 9000» does not generally require priming on most building materials such as: natural, painted or anodised aluminum, ceramic, polystyrene insulation, glass, fibreglass, painted or stained surfaces including wood, vinyl sidings and windows and many common building materials.

**APPLICATION**

Cut the screwed end of the cartridge, but keep the threads to screw the nozzle.  
 Cut the nozzle of the cartridge at right angle (90°), a little narrower than the width of the desired joint.



Use a caulking gun and apply with a uniform and adequate pressure so as to give the joint a **convex** form.  
 During the extrusion of «LATEX 9000», the angle in-between the gun and the joint to be made must be approximately 45°.  
 Pull the tip of the gun away from the joint, as illustrated.  
 The «LATEX 9000» must not be smoothed or formed to avoid tensions in the product during the drying period.  
 Make sure the sealant comes into contact with each surface on a width of at least 3 mm (1/8 in.).

**COVERAGE**

Linear metres per 300 mL cartridge:							Linear feet per 300 mL cartridge:				
Depth (mm)	6	8	10	12	14	16	Depth (in.)	1/4	3/8	1/2	5/8
Width (mm) 6	11	8	6.4	5.3	4.5	4	Width (in.) 1/4	31	20.7	15.5	12.4
8	8	6	4.8	4	3.4	3	3/8	20.7	13.8	10.3	8.3
10	6.4	4.8	3.8	3.2	2.7	2.4	1/2	15.5	10.3	7.7	6.2
12	5.3	4	3.2	2.7	2.3	2	5/8	12.4	8.3	6.2	5

**TECHNICAL GUIDE**

<b>GENERAL APPEARANCE:</b>	Thixotropic and homogeneous paste, free of lumps and easy to extrude.
<b>COLOURS:</b>	Consult the colour guide.
<b>COMPOSITION:</b>	Acrylic rubber, polyurethane rubber (binder), titanium dioxide, colour pigments, inert charges (pigments), water (volatile material), fungicide and other additives.
<b>CLEANER (wet product):</b>	Use water.
<b>CLEANER (dry product):</b>	Use a putty knife and mineral spirits or another effective solvent; take care not to affect the other surfaces with too strong a solvent.
<b>CLEANER (skin contact):</b>	As soon as possible, wash with water. If the product has dried, wash with mineral oil, then wash with soapy water, and rinse.
<b>FLAMMABILITY:</b>	At application: ..... non-flammable, Dry: ..... combustible.
<b>VERTICAL JOINTS SAGGING:</b>	CAN/CGSB-19.0-M77 method 7.1: ..... inferior to 3 mm.
<b>TACK FREE TIME (25°C):</b>	6 to 10 minutes depending on temperature and relative humidity.
<b>STANDARDS:</b>	Meets the characteristics necessary to credit 4.1- « Low-Emitting Materials: Adhesives & Sealants » which refers to SCAQMD, Rule # 1168, January 7, 2005.
<b>APPLICATION METHOD:</b>	Caulking gun.
<b>SURFACE APPLICATION:</b>	Indoor and outdoor vertical or horizontal joints.
<b>MINIMUM SIZE:</b>	Width and depth: ..... 6 mm (1/4 in.).
<b>MAXIMUM SIZE:</b>	Width: ..... 16 mm (5/8 in.); Depth: ..... 10 mm (3/8 in.).
<b>FREEZE-THAW STABILITY:</b>	CAN/CGSB-19.0-M77 method 6.1: ..... 3 cycles.
<b>HARDNESS:</b>	CAN/CGSB-19.0-M77 method 8.2 (shore A): ..... 25.
<b>ULTIMATE ELONGATION:</b>	ASTM D-412: ..... 800%.
<b>UV RESISTANCE:</b>	ASTM C-793: ..... excellent.
<b>SERVICE TEMPERATURE:</b>	Minimum: ..... -20°C (-5°F), Maximum: ..... 50°C (122°F).
<b>VOC CONTENT:</b>	3.3% (w/w);
<b>(Volatile organic compounds)</b>	37.3 g/L.

## RESTRICTIONS

### KEEP FROM FREEZING.

Do not use on bare metal or on frozen or damp surfaces.

Not to be applied if rain is expected in the 12 hours following the application or during a longer period whenever the ambient temperatures are lower than 20°C (70°F).

Does not adhere to polyethylene, polypropylene, recycled plastic, Teflon or other comparable materials.

Make sure the joint variation does not exceed the «LATEX 9000» elasticity.

If «LATEX 9000» should be painted, use latex-based paint. Semi-gloss latex paint is recommended, since flat latex paints may crack when applied on a latex-based caulking.

When «LATEX 9000» is painted, the paint may crack if «LATEX 9000» supports a movement higher than the paint elasticity.

The drying time of «LATEX 9000» depends on temperature, relative humidity and ventilation.

Not for joints submerged in water for prolonged periods of time.

Never apply at a temperature below 5°C (41°F) or if the temperature should drop below 5°C (41°F) during the days following the application.

Ensure that glass surfaces are free of lubricating oil.

Adhesion on materials not specifically mentioned cannot be guaranteed. It is up to the customer to make his own performance tests or to consult our technical department.

## SAFETY PRECAUTIONS

### KEEP OUT OF THE REACH OF CHILDREN.

**Before using «LATEX 9000», read its material safety data sheet (MSDS).**

**Disposal:** Consult your municipality to dispose in conformity with regulations.

## WARRANTY

PPG Architectural Coatings Canada, Inc. warrants performance of its products to its intended use if properly applied in accordance with the label directions and the specifications of the technical data sheet. Having no control over the application methods and conditions or the circumstances related to its use, no other warranty, expressed or implied, statutory or otherwise is given. This limited warranty extends only to the original purchaser of the product and is not transferable or assignable. If the product fails to conform to this limited warranty, we will, at your option, furnish replacement product or refund the purchase price. This limited warranty excludes (1) labour or costs of labour for the application or removal of any product and (2) all other direct, indirect, incidental, special or consequential damages.