

Thermo-Caulk™ Caulk

Rev. Date 10/30/13

Product Description

Thermo-Caulk™ is designed from 100% acrylic resins. It is a single component, water-based, high performance, elastomeric sealant. It is a knife-grade caulking that when cured forms a tough, flexible membrane that seals out moisture.

Thermo-Caulk™ is used as a waterproof sealer for roof seams, termination points, cracks, flashing, vents, skylights, fasteners, parapets, protrusions and duct work. It can also be used with roof fabric for three coursing weak areas of the roof.

Performance Characteristics

- Waterproof
- Easy To Apply
- Tenacious Adhesion
- Non-Toxic
- Low Temperature Flexibility
- Excellent Dirt Resistance
- Paintable

Product Characteristics	
Standard Colors:	Thermo-Caulk™ – White
Texture:	Smooth
Grade:	Knife Grade
Base:	Water Based - 100% Acrylic

Product Application

All surfaces should be dry, clean and free from foreign matter. **Thermo-Caulk™** can be applied at a rate of approximately 40 – 75 mils thick. Product cleans up easily with warm soapy water. Please allow between 12 – 24 hours cure time, depending on weather conditions. For further application details, please contact manufacturer to obtain a Roof Application Guide. Do not apply when temperatures are below 50°F, expected to drop below freezing or when rain is forecast. Do not store in areas that may be subjected to freezing temperatures. KEEP OUT OF THE REACH OF CHILDREN.

Contact Lapolla Industries Technical Service personnel for specific recommendations, pricing and availability of spray and auxiliary equipment.

Properties	Test Method/ Requirements	Value
Solids by Weight:	ASTM D1644	83.0 (±3)
Solids by Volume:	ASTM D2697	72.8 (±3)
Weight per Gallon:	ASTM D1475	13.41 (±.2)
Tensile Strength:	ASTM D412	300 psi (±25)
Elongation:	ASTM D412	500% (±25)
Viscosity:	Thick, Knife-Grade	
Flexibility:	15°F – ½" Mandrell	

Product Handling:

Some separation may occur during shipment and storage, therefore the contents of each container should be thoroughly power mixed for ten (10) to fifteen (15) minutes before application. Product should never be thinned. **Thermo-Caulk™** is a water-based elastomeric acrylic primer which will freeze and become unusable at temperatures below 32°F. PROTECT FROM FREEZING DURING SHIPMENT AND STORAGE. Do not store material at temperatures below 50°F.

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SHELF LIFE: One year from manufactured date when stored properly.

CLEAN UP: Promptly clean hands, tools, and equipment with warm soapy water.

Packaging

U.S. MEASURES: 5-gal. pails, 55-gal. drums & 275-gal. totes.

WEIGHT PER U.S. GALLON: 11.65 lbs.

Limitations

Do not use on surfaces demonstrating hydrostatic or high vapor pressure. This product is not intended for use in areas where ponding water may be present. Ponding water issues must be eliminated prior to the application of this primer.

General Health & Safety Precautions

This product is intended for use by trained professional personnel. Material Safety Data Sheets are available on this coating material. Any individual who may come in contact with these products should read and understand the M.S.D.S. In case of emergency contact **CHEMTREC EMERGENCY NUMBER at 800-424-9300.**

WARNING: Avoid eye contact with the liquid or spray mist. Applicators should wear protective clothing, gloves and use protective equipment on face, hands and other exposed areas.

EYE PROTECTION: Safety glasses, goggles, or a face shield are recommended. **SKIN PROTECTION:** Chemical resistant gloves are recommended. Cover as much of the exposed skin area as possible with appropriate clothing. **RESPIRATORY PROTECTION is MANDATORY!** Respiratory protective equipment, impervious foot wear and protective clothing are required at all times during spray application. Contact Lapolla for a copy of the Respiratory Protection Program developed by OSHA. **INGESTION:** Do not take internally. Consider the application and environmental concentrations in deciding if additional protective measures are necessary.

DISCLAIMERS

The data presented herein is not intended for use by non-professional applicators, or those persons who do not purchase or utilize this product in the normal course of their business. The potential user must perform any pertinent tests in order to determine the product's performance and suitability in the intended application, since final determination of fitness of the product for any particular use is the responsibility of the buyer.

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