



**TemperKote® Stove Paint 1200**  
 INDUSTRIAL HI-HEAT® RESISTANT COATING  
 \*Maximum Service Temperature 1200°F (649°C)

**Product Description:**

TemperKote Stove Paint 1200 is an industrial Hi-heat coating specifically designed for Wood Stoves, BBQ equipment, and OEM applications. This coating delivers a smooth, uniform appearance with a fast dry time. Special pigments are utilized to achieve maximum heat resistant properties and color stability.

**Characteristics:**

<b>Colors</b>	Black		
<b>Finish</b>	Flat	<b>Resin Type</b>	Silicone Modified Alkyd
<b>Thermal Stability</b>	1200°F (649°C)	<b>Material VOC</b>	381 g/L
<b>Color Stability</b>	1200°F (649°C)	<b>Flash Point</b>	45°F (7.2°C) (PMCC)
<b>Type of Cure</b>	Resin cross-linking	<b>Reducer/Cleaner</b>	Xylene
<b>Application Temperature</b>	50°F (10°C) to 120°F (49°C)	<b>Packaging</b>	1, 5 & 55 gal. containers
<b>Application Humidity</b>	Maximum 85% RH Temperature must be at least 5°F above the dew point	<b>Shelf Life</b>	2 year (unopened)
<b>Solids By Volume</b>	23%	<b>Storage Temperature</b>	40°F - 100°F
<b>Weight Per Gallon</b>	8.8 lbs (3.99 kg)	<b>Solids By Weight</b>	39%
<b>Spreading Rate per Coat</b>	185 – 247 sq. ft./gal 6.5 – 8.6 mils wet, 1.5 – 2.0 mils dry		
<b>Recommended Film Thickness</b>	6.5 – 8.6 mils wet, 1.5 – 2.0 mils dry		
<b>Drying Time @ 77°F (25°C) &amp; 50% R.H.</b>	<b>To touch</b>	15 Minutes	
	<b>To recoat</b>	2 hours	
	<b>To ship</b>	24 Hours	

**Recommended Uses:**

TemperKote Stove Paint 1200 is designed for use wherever maximum resistance to heat, humidity, and weather is required. TemperKote Stove Paint 1200 is formulated for superior sprayability with smooth, uniform coverage. TemperKote Stove Paint 1200 dries fast for quick handling. This product can be used on heaters, stacks, boilers, breeches, mufflers, radiators, storage tanks, pipelines, steam lines, etc., where operating temperature will not exceed 1200°F (649°C). **Not recommended** for use on the **inside** of ovens, stacks, etc.

**Performance Information:**

This highly advanced coating performs as well as many pure silicone coatings, but has the distinct advantage of air-curing. TemperKote Stove Paint 1200 can be applied directly to most types of metals including stainless steel. TemperKote Stove Paint 1200 provides excellent corrosion protection coupled with outstanding weatherability. The curing mechanism is a unique combination of solvent evaporation and resin cross-linking. This allows the coating to quickly air dry for handling in fast paced production environments.



**TemperKote® Stove Paint 1200**  
INDUSTRIAL HI-HEAT® RESISTANT COATING  
\*Maximum Service Temperature 1200°F (649°C)

**Surface Preparation:**

**General:**

For best results surfaces should be free from oil, grease, dirt, mill scale, rust, corrosion products, oxides, paint and foreign matter. All surfaces should be solvent cleaned per SSPC-SP1 and meet SSPC-SP3 minimums with surface profile of 1.0 - 1.5 mils.

**STEEL:**

Remove all flux, splatter and slag left from welding. Grind all welds until smooth. Remove rust, mill scale, oil grease, and other contamination by solvent cleaning per SSPC-SP1.

**For Typical Industrial Environments** a low profile, near-white metal blast, SSPC-SP10, is preferred as it will give best results, especially where higher service temperatures are anticipated. Blast profile should be 1 mil. Remove all remaining abrasive from surface by air blasting. Coat the freshly blasted surface as soon as possible. Do not allow surface to become wet. Do not wash freshly blasted surface with solvents. For small difficult to reach areas, SSPC-SP11 power tool cleaning to bare metal is acceptable.

**For Severe Environments** blast surface to commercial blast profile per SSPC- SP5.

**NEW GALVANIZED SURFACES:**

Remove all oil, grease and flux by solvent cleaning per SSPC-SP1.

**WEATHERED GALVANIZED SURFACES:**

Remove all dirt, oil and grease by solvent cleaning per SSPC-SP1. Remove rust or foreign deposits by wire brushing per SSPC-SP2 or power tool cleaning per SSPC-SP3.

**STAINLESS STEEL SURFACES:**

Surface must be clean and dry. Remove all oil, grease, soil, drawing and cutting compounds and other foreign matter by solvent cleaning per SSPC-SP1.

DO NOT USE CHLORINATED SOLVENTS ON STAINLESS STEEL SURFACES.

For large areas steam clean with an alkaline detergent followed by steam or fresh water wash to remove residue.

**Application:**

Mix thoroughly by boxing or stirring. Can be applied by brush, roller or spray. Spray application is desired, as a more uniform film is generally obtained. **Do not apply heavier film than specified, as the coating may blister when heat is applied.**

**Application Equipment:**

**AIRLESS SPRAY:**

**Titan 740 Impact (or Equivalent)**

- Fluid pressure . . . . . 2700 - 3100 psi
- Manifold Filter . . . . . 60 Mesh
- Gun Filter . . . . . 60 Mesh
- Hose . . . . . ¼" diameter
- Gun . . . . . LX-8011
- Tip . . . . . .015 - .021

**FOR INDUSTRIAL USE ONLY**

**Read MSDS before opening containers**

**KEEP OUT OF THE REACH OF CHILDREN**

**Precautions:**

DANGER! FLAMMABLE LIQUID & VAPOR: CONTAINS TOLUENE & PETROLEUM DISTILLATES. VAPOR HARMFUL. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN, NOSE AND THROAT IRRITATION. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Keep away from heat, sparks and flame. VAPORS MAY CAUSE FLASH FIRE. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.

USE ONLY WITH ADEQUATE VENTILATION. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use. Close container after each use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

FIRST AID: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent container and unused contents in accordance with local, state and federal regulations.

As we cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used, we accept no responsibility for results obtained by the application of this information or the safety or suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. We sell the products without warranty or guarantee, and buyers and users assume all responsibility and liability for loss or damage from the handling and use of our products, whether used alone or in combination with other products.