



Scope of Work for Sweep & Repair as Needed

Once the Rampart Chimney meets the rigid restoration criteria the repair must be completed as written below in the following steps.....

1. Set up chimney sweep equipment in front of fire place with all protective tarps to secure the work area.
2. The chimney has been swept, completely video scanned and inspected and meets the rigid repair criteria.
3. Using a cleaner, wipe the insulation plate completely to free it from all soot particulates and oils in order to provide a completely soot-free and dry surface.
4. Using the Saver System Smoke Chamber Sprayer equipment (product code 300415) and the Cerfractory Foam Smoke Chamber Sealant (product code 300405) the process of sealing all cracks in the insulation plate area and the entire smoke chamber sealing all open voids completely. The application will be 1" thick.
5. Using a 4" horse hair brush and 2' extension pole the Cerfractory Foam will be brushed to take on a smooth flowing surface. This product exceeds a 2900 degree heat rating and is UL tested (listing number #2505).
6. Repair all cracks in fire box as necessary with fire brick mortar and add 24x24 stainless steel heat shield (fire back).
7. Seal and repair all external cracks in outer structure to prevent any water intrusion problems into the system as necessary.
8. Restore and repair crown with crown seal and crown coat from Chimney Saver Company.
9. Install appropriate spark arrestor to meet all Local, State and Federal codes.

After this process is completed the Rampart Chimney will be completely safe for all products of combustion in the 3 critical areas (the fire box, the smoke chamber and the flue area).



Scope of Inspection and Criteria for Possible Repair of Rampart Chimney

Due to the fact of the history of these particular fireplaces an intensive inspection of the exterior and the interior in all components must be completed to make sure the chimney meets the repair criteria listed below.

1. Locate and measure any outside exterior cracks making sure the cracks do not go all the way through the structure.
2. The crown at the top of the chimney is in place and the Portland cement is solid.
3. Chimney structure must not be pulling away from the structure of the home in any fashion.
4. Any outside structure cracks must be of a subsurface nature not to exceed 1/16th of an inch in width.
5. Any vertical or horizontal cracks in insulation plate must not exceed 1/16th of an inch.
6. Any cracks in the walls of the fire box must be repairable not to exceed 1/16th of an inch.
7. The chimney liner must be of good integrity and good stacking alignment free from cracks and open voids in joint area.

Given the technology available today through our friends at Saver Systems and Lindemann Chimney Co. (a Cerfractory Foam Smoke chamber Sealant [product code 300405] that is UL tested material with an excess of 2900 degree heat rating) will enable us to effectively seal these cracks and repair the Rampart Chimneys that fit into this rigid criterion.

Keeping in mind that the Rampart Chimney Corporation is out of business and has been for 2 decades, they can not comment on the suitability and effectiveness of this new technology and remarkable ceramic coatings. It is up to the professional chimney contractors working in the industry today to effectively provide other cost effective options for these customers. Always keeping in mind that fire safety must come first above all things.



So Cal Chimney Corporation

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RAMPART CHIMNEY RESTORATION

Phase I: To inspect outside of fire place to be sure it is structurally sound. Some outside cracks are common and are repairable depending on the severity. The chimney has to meet written criteria for restoration.

Phase II: Inside of chimney must be swept and video scanned for internal damage. Cracked insulation plates and cracked liners in these systems are common and with today's technology they can be restored to better than new.

Inside this packet are two brochures outlining the technique and products we use to restore the chimney back to a smoke-tight system from the bottom to the termination.

1. To completely restore the smoke chamber where the insulation plate is using the Cerfractory foam and high-tech spray system the cost is \$1800 for this process.
2. If the inspection shows through the scan that the liners are cracked, they too, must all be repaired and sealed. The Fire Guard system is the best in the industry. The process completely coats all liners and fills all cracks and open mortar joints in the chimney liner. See Fire Guard brochure for all details. The cost of this process is \$2400 in most chimneys.

Now we have a very impressive and cost-effective way of dealing with Rampart Chimneys for your customers.

TOTAL COSTS

Smoke Chamber Restoration	\$1800	*1-story chimneys only
Custom Chimney Reline	<u>\$2400</u>	2-story chimneys will be estimated at the
Total Estimate	\$4200	site depending how much compound used

NOTE:

A) If Spark Arrestor is needed they are \$169 + tax

B) If So Cal Chimney Corporation is called, there will be a charge of \$129 to sweep, video scan and inspect the chimney.