



Viking™ CTP

PRODUCT OVERVIEW & FEATURES

Viking CTP is a high-grade roofing coal tar pitch that is specially formulated to provide superior waterproofing and weathering characteristics. Derived from tar extracts from bituminous coal, Viking CTP is distilled and treated to produce a material with a unique molecular structure.

Viking CTP's tight aromatic molecular structure produces a natural resistance to the severe effects of temperature, moisture, and corrosive elements found in many environments. Viking CTP meets or exceeds the requirements of ASTM D 450 Type I.

Proven Performance - Coal tar roofing systems are time-proven systems for dead level and low slope roofs. The natural resistance to temperature changes, water, moisture vapor transmission and most corrosive environments makes Viking CTP ideal for premium roofing applications.

Self-Healing - Viking CTP has cold-flow properties which allow it to slowly heal hairline cracks and alligating with elevated roof top temperatures in coal tar built-up roof systems. Over the years this process will continue, thus providing the owner with a long-term roofing solution by extending the life of the roofing system.

Cost Effective - Viking CTP offers superior long-term performance and low maintenance costs. This significantly reduces the life-cycle costs associated with the roofing system. The high quality and performance of Viking CTP will save building owners money year after year.

Resistance to Weathering - A tight molecular structure allows Viking CTP to maintain a natural resistance to water and air. Also, many common chemicals that cause oxidation to the roof's surface are blocked by Viking CTP's unique capabilities.

APPLICATION

Viking CTP is designed to be used as an interply adhesive in a coal tar built-up roof. In addition, Viking CTP can be used as a flood coat over coal tar roofing systems. Viking CTP should be applied in strict accordance with the specifications published by Commercial Innovations®.

Diluting or cutting back Viking CTP or mixing it with asphalt or coal tar is not permitted. The specially balanced

chemistry will be altered and the resulting product will not perform as described. Overheating Viking CTP will cause undesirable changes and should be avoided. Slow uniform heating of the bitumen will provide the best results. Care should be taken not to heat the material over its flash point or maintain temperatures over 400°F (205°C) for any prolonged period of time. Viking CTP should be at 375°F (191°C) at the point of application.

In addition, three, four, or five plies of Viking TG Glassfelts, or saturated coal tar felts are used as reinforcement with alternating applications of the Viking CTP. Additionally, these materials may be used as the flood coat over asphalt or coal tar built-up roofs. Aggregate surfacing is required to reduce the exposure of UV rays and to extend the life of the roof system for built-up roof systems.

Use caution when heating and handling Viking CTP. Serious burns can occur around any hot bitumen and only authorized and trained personnel should handle hot bitumen.

PRECAUTIONS

- Do not use Viking CTP over rubber or plastic substrates
- Make sure to have adequate ventilation
- Keep away from open flame
- In depth safety information can be obtained from the MSDS Sheet or the NRCA's Safety Awareness Video
- Do not thin this product
- Keep material warm prior to application when at or below 50°F (10°C)



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www.vikingpg.com

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DATA & TESTING

Water, Max%	0.0%
Reinforcement	Trevira polyester fabric
*Specific Gravity @ 77°F (25°C)	1.22-1.34
*Softening Point	126 to 140°F (52 to 60°C)
*Flash Point	374°F (190°C)
*Ash, max%	0.5%
Ductility @ 77°F (25°C)	2.5 min.
Elongation	75%
Tensile Strength (ASTM D 5147)	MD = 120 lbf./in. XMD = 85 lbf./in.
Flexibility (1 in. Mandrel)	80°F (26°C)
Packaging (keg)	200 lb. (90 kg)

* Test Method ASTM D 450

For specific application recommendations, please contact your local Viking Products Group Representative.

Please refer to the product information, Material Safety Data Sheet, and labeling for the potential risks and benefits. Exposure to this product may cause skin and respiratory tract irritation; prolonged skin exposure may result in skin cancer and long-term exposure has been associated with kidney, bladder, scrotum, and lung cancer.



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