

## USA Nationwide

Exxon Tiger Market Stores in USA  
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The popular trend of appending mini convenient stores to petrol stations, have led to increased glass usage for merchandising. Without adequate solar shading, station owners quickly realize that the large clear window panes are also a significant source of heat gain and on increased energy bill. Tinting windows with dark or reflective conventional tints are obviously undesirable as it reduces the visibility of the displayed merchandise from the outside. In addition, as cashiers are housed within these “mini-stores”, clear visibility of the petrol pumps and customers are essential and enhances employee safety and security.

Realizing the potential for substantial energy savings, the engineering department of Exxon (USA) has specified **V-KOOL® 70** to be applied to all new buildings that are facing the problem of high solar heat gain and require heat control.

After completing extensive in-house testing, Exxon, also found that by using V-KOOL 70, they would be able to reduce the size of their HVAC systems in new stores. This represents a significant overall construction cost-savings that is hard to ignore. The unique performance characteristics of V-KOOL 70 was selected because it matched the needs of Exxon Tiger Market stores; A reduction in air-conditioning costs, high visibility and maintenance of the building's exterior appearance.

One added advantage, reported is the reduced cost of replacing sun-damaged display merchandise. This can be attributed to V-KOOL high UV rejection at 99%. Apart from mandating the use of V-KOOL on all new corporate-owned stores, Exxon Engineering has passed along these test results with their recommendation to their independent distributors.



### AT A GLANCE

PROJECT NAME	Exxon USA Tiger Markets
SITE	USA, nationwide
COMPLETED	1996



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