



Bombers can begin in the strangest places

ONE OF THE usual sources of materials for bombers is in Alabama, where some of the aluminum used to build bombers is mined.

Odd as it seems, materials for bombers have also originated with refrigerators or ranges. For it was a certain insulating material used in refrigerators and ranges that led to a saving of aluminum by the Navy. *Already enough of the material has been used to release enough aluminum to build more than 350 four-engine bombers!*

Here's the story.

In pre-war America, there were hundreds of thousands of ranges and refrigerators equipped with a modern insulation — an insulation of glass in fibrous form called Fiberglas.*

This Fiberglas insulation is highly efficient. When used either as springy wool blankets for range insulation or in semi-rigid form for refrigerators, it doesn't settle, even when oven or refrigerator doors are repeatedly slammed

shut. It doesn't leave "holes" through which heat can leak in or out.

Of course, it's fire-safe. And from a manufacturer's point of view, it is easy to install.

In this combination of Fiberglas qualities, the Navy saw several outstanding advantages for warships.

For the Navy demanded a *highly efficient, light-weight insulation* for living quarters and other important places on its ships. The Navy had to have *fire safety*, too. And of course it had to have an insulation which *wouldn't settle* under the vibration of pounding waves or gun fire. Fiberglas wool met all these requirements and was used widely aboard many types of ships.

But of even greater importance was this: The Navy saw how it could disintegrate the aluminum facing, formerly needed to keep insulation in place, by using an adaptation of the semi-rigid type of Fiberglas which seals on metal facing.

This is just another instance of the Navy's imagination and alertness in adapting a peacetime product to a wartime use.

One day, Fiberglas will again be available for household equipment. But till then round-the-clock plant operation and the skill of our workers are devoted to supplying increasing quantities of Fiberglas for wartime uses where it is the most suitable material for the job. *Owens-Corning Fiberglas Corporation, Toledo, Ohio. In Canada, Fiberglas Canada, Ltd., Ottawa, Ont.*



OWENS-CORNING

FIBERGLAS

*U. S. Reg. U. S. Pat. Off.