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# First step

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Sand is mixed with waste glass, soda ash, and limestone.



*How is  
glass  
made?*

## End product



## Explanation

The soda reduces the sand's melting point, which helps to save energy during manufacture, but it has an unfortunate drawback: it produces a kind of glass that would dissolve in water! The limestone is added to stop that happening. The end-product is called soda-lime-silica glass. It's the ordinary glass we can see all around us.

## Second step

*Then the mixture is heated in a furnace.*