

## Why you should consider saving money with tanks from E4A?

1. *Processes, mixers, platforms and tanks should be designed as one system from the very start!*  
Too often people purchase a tank and then try to fit a suitable mixer. This can be a very expensive problem - especially if the related and important mixer dimensions don't tie up and can't work with the tank. Worst example of many – deep cone and resulting problem to lift the product!
2. *Types of materials to use with different chemicals are an important tank design consideration.*  
We assess all the process parameters and our in-house chemical and mechanical engineers can make the right material selection for your tank and products, and can save you costly errors - leading to fast tank deterioration or even fast failure. Quite likely we will surprise you with unique ideas and total cost savings.
3. *E4A works with professional tank designers and manufacturers to optimize designs of the mixer, the tank, the fittings and the piping and the platform into one complete integrated system.*  
Let us save you money with the correct and smart design approach from the start. Let's discuss various options to balance your needs and ensure the right package from the start. Mixer designs are much more complex than often assumed and a careful appraisal of the process and all liquids properties or indeed dry products properties is essential to get the right mixing results.
4. *Hazardous products like solvents require compliance with SANS 310 & frequently other standards.*  
We design for hazardous products and important safe operational details and can manage to avoid over-design, but we will still comply with SANS 310 and other important design standards.
5. *Tank lids, tank vents, loading and unloading systems and automation with load cells are all designed by E4A to match your key processing needs.*  
Allow E4A to work with you on your total requirements of all fittings and accessories - to ensure that your requirements are fully met and achieved. Avoid later costly adjustments when these important design considerations are not included from the start.

We provide several tank-design services for our valued clients. This list is not exhaustive and must be treated as guidelines only. There may be other important design and operational considerations that clients should consider.



*These guidelines and notes are presented as general guides only and no warranty is implied or provided.*