

Should underground water tanks be built in the house?

There are many risks around traditional concrete underground water tanks. So should indoor underground water tanks be built? Is there any better alternative?

Underground water tank is an indispensable part of the current housing projects, helping to store the amount of domestic water needed for life. However, there is a lot of risk surrounding a traditional concrete underground water tank. Many people ask **whether or not to build an indoor underground water tank** ? Is there an alternative? The following article will answer these questions of you.

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Should underground water tanks be built in the house?

The system of concrete and reinforced underground water tanks has existed for a long time in Vietnam in order to store living water for people. This system still exists very popular in the old buildings of houses, clinics, dormitories, medical facilities, schools .



It is undeniable that the role and significance of this tank system in a long time. However, the fact is proving that this type of water tank has been bringing a lot of risks and risks to human health, affecting significantly to the human environment.

1. Some risks when building underground water tanks

1. The risk of water pollution by infiltrating dirty water from the outside into the tank, the system often has a lid that is not solid, not tight, tight.



1. The risk of cracking, subsidence, and collapse due to construction systems without separate bunkers, close to the land or landslides caused by heavy rains or underground circuits.
2. The risk of becoming a shelter and decomposition of rats, cockroaches and insects, beetles . affects the water of the whole family.
3. Easy to cause algae, stains due to contamination of dirty water, harmful microorganisms from outside.



1. In addition, the use of the old underground water tank also causes inconvenience for washing and cleaning the tank due to inconvenient entrance system. Not to mention the old buildings without drainage systems below, so it is easy to overflow, flood.

2. Note if you want to build an indoor underground water tank

Perhaps after these limitations of a traditional underground water tank, many people have answered themselves the question of whether to build an indoor underground water tank, right? However, these things can still be overcome. Especially, with the current large projects, the construction of an underground water tank is still an essential solution to meet the demands of large units. However, to overcome the above limitations, you should note the following underground water tank construction techniques:



1. Strictly follow the process of building underground and solid underground tanks, increase the thickness of the cement layer and reinforcement of the tank and take effective waterproofing and anti-leakage measures.
2. Building more tanks, with stairs up and down to facilitate water testing.
3. It is necessary to equip a solid cap system, along with a drainage device at the bottom in case of water overflow.
4. Check the source of groundwater and the soil around the tank construction area. If it is guaranteed not to be polluted, calcified . This will help limit the phenomenon of dirty water seeping into the tank, causing cracks, subsidence .

If you do this, you minimize the risks to health as well as the adverse effects from outside water sources.

Why should use stainless steel underground plastic tank?



To overcome the pollution of underground water tanks, to protect people's daily-life water, in recent years, manufacturers have researched and launched a new generation of underground water tank with stainless steel material. , even extremely smart, convenient plastic. Let's see what kind of outstanding plastic underground water tank has.

1. Brings a perfect solution of water storage, comprehensive environmentally friendly, protecting domestic water sources for families.



1. Highly mobile, easy to install and execute without the need to build any other brick tank, very simple and convenient.
2. Usually made from durable stainless steel or high-grade multilayer plastic, it helps to increase the rigidity of the tank body, while also withstanding good pressure, limiting breakage. Smart cap and drain system for absolute protection of water, anti-overflow and easy to clean and wash.



1. High-quality tanks also eliminate mosses, protect the quality of daily water as well as consumers' health because it does not discolor the plastic.
2. Diverse capacity, meeting the needs of domestic water for families.

Introduce some good plastic underground water tank products

Son Ha underground water tank with pipe of 1,200 liters (1.2m³) - Price: 11,990,000 VND



META.vn

1. Material: Compound plastic
2. Dimensions: 1,700mm x 1,000mm x 1,300mm
3. Capacity: 1,200 liters
4. Brand: Việt Nam
5. Made in Vietnam
6. Warranty: 15 years

Son Ha premium underground water tank 1600 liter - Price: VND 9,690,000



1. Durability: 50 years
2. Capacity: 1,600 liters
3. Material: LLDPE plastic compound
4. Made in Vietnam
5. Brand: Việt Nam
6. Warranty: 12 years

Son Ha premium underground water tank 2500 liters - Reference price: VND 12,980,000



1. Durability:
2. Capacity: 2,500 liters
3. Material: LLDPE plastic compound
4. Made in Vietnam
5. Brand: Việt Nam
6. Warranty: 12 years

Hopefully, with the above suggestions, you already know whether or not you should build an indoor underground water tank and have the best plan for storing clean water for the whole family, protecting the health of your loved one.

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