DryCrete Hydraulic WaterStop - Concrete Water Tank - D.I.Y. Repair Kit.

TO VIEW VIDEO - DryCrete Hydraulic WaterStop - Concrete Water Tank - D.I.Y. Repair Kit.

GO HERE .... http://drycrete.net.au/water-tank-instructions.html
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Hydraulic WaterStop crystalline growth systems are proven on concrete mega structures world wide and are now available as a D.I.Y. kit.

DryCrete Hydraulic WaterStop - Concrete Water Tank - D.I.Y. Repair Kit helps waterproof your tank in compliance with AS 3735 Concrete Structures for retaining liquids.

DryCrete Hydraulic WaterStop - Concrete Water Tank - D.I.Y. Repair Kits are easy to use and offers superior and ongoing results as it continues to repair, seal and protect your concrete structure.

Your concrete structures can easily last a lifetime with little maintenance. DryCrete Hydraulic WaterStop - Concrete Water Tank - D.I.Y. Repair Kit helps you achieve this.

DryCrete Hydraulic WaterStop - Concrete Water Tank - D.I.Y. Repair Kits are sold across Australia & New Zealand. It comes packaged in 1kg/4kg containers, and will fix approximately ( 1kg = Aprox 2 linear meters of crack repair ).

DryCrete Hydraulic WaterStop - Concrete Water Tank - D.I.Y. Repair Kits continually repair cracks in concrete tanks up to .5mm as they continue to move within normal structural limits.

As the structure continues to move from ground movement, temperature fluctuation and load fluctuation the crystals regenerate, grow and repair the crack.

They can continue to do this for the life cycle of the structure.

Whilst we can quantify exactly how this product will perform, your results may depend on some other factors beyond our control such as:

- The Age of the Water Tank/Foundations and soil conditions
- Tank location eg. sun/shade/trees
- Original cement content thats is left & placement methods
- Reinforcement content, location and degradation
- Your preparation and application techniques

This product is well proven as the easiest and most cost effective way of making your concrete structures are fit for purpose. Incidental cracking small water loss from time to time is a normal part of concrete structures for the retention of liquids (AS3735).

Important - Safety Directions ....

DryCrete Hydraulic WaterStop - Concrete Water Tank - D.I.Y. Repair Kit is an alkaline product and generates heat that will burn skin. Be sure to wear THICK rubber gloves and EYE protection while doing concrete repair.

If skin or eye contact occurs, wash immediately with clean water and seek medical attention.

In powder form, DryCrete Hydraulic WaterStop - Concrete Water Tank - D.I.Y. Repair Kit may present small amounts of dust. Handle in well ventilated area in dry pac form.

Confined spaces can sometimes be involved with repairs. It is the responsibility of the user to familiarise themselves with confined space hazards. This information can be sourced from your government Occupational Health & Safety body.
Repairing leaks in Concrete Water Tanks.

Cracks in concrete or masonry walls can turn into active water leaks.

Repairing leaks and preventing costly damage requires a little preparation to the area.

Proper and correct preparation is essential to achieving a successful repair. Using a masonry chisel to enlarge the crack to a minimum width of about three quarter inch, then remove all loose materials.

Make sure the edges of the crack are under cut, DryCrete Hydraulic WaterStop expands as it hardens, walking itself in the place so it's important not to create V. shaped edges.

Mix DryCrete Hydraulic WaterStop at about four to four and a half parts water stop cement, to one part clean water.

Always wear safety glasses and waterproof gloves when working with DryCrete Hydraulic WaterStop or any other cement based products.

Use a margin trowel to thoroughly mix the material to putty consistency, make sure that the mix is uniform and if the mix is too wet add additional water stop cement and mix thoroughly. If the mix is too dry add small amounts of water sparing.

DryCrete Hydraulic WaterStop sets extremely fast so do not mix anymore material that can be used in two to three minutes.

Once putty consistency is achieved take a handful of DryCrete Hydraulic WaterStop in your glove hand and begin to work the material into a ball.

You will feel the DryCrete Hydraulic WaterStop begin to get warm in your hand.

Press the DryCrete Hydraulic WaterStop cement into the crack using heavy pressure and hold in place for several seconds (30-Seconds Plus)

After the material becomes thumbprint hard, use a margin trowel to trim the patch to match the contour of the surface.

DryCrete Hydraulic WaterStop repair can be painted after seven days with a water based latex paint.

DryCrete Hydraulic WaterStop can also be used to repair leaks in swimming pools and fountains and can even set under water.

Tip ....
If water is running down a vertical crack and washing the material off. Find the exact point of the leak and apply a blow with an hammer/chisel. This will compress material into the leak and temporarily reduce the flow during application. Even a sideways (45deg.) scratch will take the water to one side.

Curing
Protect the surface from rain or frost during initial cure. (Approx 5 hours)