

# How AquaBlok Works

This simple demonstration provides a first-hand look at how AquaBlok swells, self-compacts, and seals with just a few easy steps. For this demonstration, you will need (1) an empty plastic bottle with cap [20-oz. Gatorade bottles work best], (2) clean water, and (3) a 5-oz. sample of the AquaBlok 2080 FW product [obtained from an AquaBlok representative or authorized distributor].



**Step 1**  
Add AquaBlok  
to the bottle.

Add the entire 5-oz. sample of AquaBlok product to a clean and dry bottle. Notice the particle size and texture of the AquaBlok before it is hydrated.



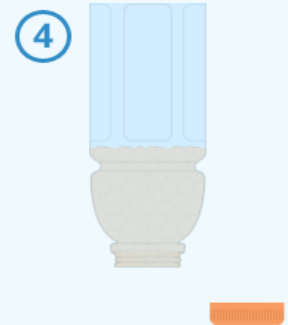
**Step 2**  
Add water  
to the bottle.

Fill the bottle to the mouth with clean water, and replace the cap. Quickly invert the bottle to level the AquaBlok in the bottle's mouth. Notice how the AquaBlok conforms to the shape of the bottle.



**Step 3**  
Let inverted  
bottle sit.

Leave bottle inverted for 24 hours. Although the vast majority of swell will occur 4-8 hours after first contact with water, allow 24 hours for full hydration. Notice the progressive swell of the AquaBlok and its change in appearance.



**Step 4**  
Remove cap and  
observe seal.

With the bottle still inverted, unscrew the cap. Lightly touch the AquaBlok at the mouth to feel texture, and gently squeeze the bottle to observe resiliency. Store the bottle inverted for an enduring demonstration of AquaBlok's sealing performance.