

# RemBind is a Sorbent for PFAS Remediation in Soil and Water

RemBind is a powdered sorbent for the remediation of contaminated soil and groundwater. The product binds to contaminants preventing them from leaching and causing environmental harm.

RemBind contains a patented blend of naturally occurring ingredients including aluminium hydroxide, carbon and clays.

Since 2011, RemBind has been used commercially to treat a wide variety of organic contaminants including PFAS, TPH, PAH, pesticides, herbicides and mercury. The product has been successfully applied in North America, Europe, Australia and New Zealand.

## Applications

### Soil Remediation

The RemBind 100 series of powdered products are specifically designed to treat organic contaminants in soil. The product is added to the soil at 0.5 to 3% using conventional equipment and binding is complete within 24 hours.

### Waste Water Remediation

The RemBind 200 series of powdered products are designed to treat waste water in batch treatment systems where high contaminant removal rates are required. The product is generally added at 0.2 to 1%, stirred for 1 hour, and then separated.

### Sediment, Groundwater and Surface Water Remediation

AquaGate<sup>+</sup>RemBind is a composite particle consisting of an aggregate core coated with RemBind powders. This unique design facilitates the accurate placement of RemBind for the passive remediation of PFAS in water using permeable reactive barriers (PRBs). The PRBs can be installed *in-situ* for groundwater remediation or above ground in surface water drains.

## Benefits

- Cost-effective
- Quick and easy to apply
- Proven long term stability - US EPA 1320, LEAF
- Independently validated by industry
- Developed with government R&D organization, CSIRO [www.csiro.au](http://www.csiro.au)



RemBind<sup>®</sup>



RemBind being used for PFAS soil remediation in Europe



AquaGate<sup>+</sup>RemBind being used to control PFAS leachate from stockpiles