
RUSSTECHNICAL NOTES

RUSSTECH RENU (Hydration Stabilizer)

Application For Recycling Concrete Wash Water

OVERVIEW:

RUSSTECH RENU is a ready-to-use liquid solution manufactured to control the hydration process in concrete wash water. This advanced set retarder coats the hydrating cement particles in the concrete wash water, resulting in the suspension of the hydration chemical reaction. Concrete wash water, when recycled as batch water, can cause the concrete to perform substandard to its intended application.

RUSSTECH RENU can be used to offset all of these adverse factors and produce acceptable concrete using recycled concrete wash water as batch water from concrete wash water pits.

ADVANTAGES:

- Allows the recycling of concrete wash water from wash water pits for use as batch water in ratios as high as 90%
- Stops the hydration process of the cementitious residue in concrete wash water
- Provides normal setting characteristics in concrete while incorporating recycled concrete wash water
- Provides equal to or greater compressive strengths in the concrete
- Imparts no harmful side effects to the concrete when **RUSSTECH RENU** is incorporated

COMPATIBILITY:

RUSSTECH RENU is compatible with all types of Portland cement, class C and F flyash, silica fume, fibers, and approved air entraining, and water-reducing admixtures. For best results, each admixture must be introduced separately into the concrete mix.



PROCEDURE FOR USE:

Follow these instructions carefully:

1. Determine the specific gravity of the concrete wash water in the wash water pit daily using the instructions and specific gravity chart developed by your local **RUSSTECH** technical service representative.
2. Calculate the number of gallons of concrete wash water in the wash water pit to be treated
3. Determine the correct dosage of **RUSSTECH RENU** to be added to the concrete wash water pit
4. Concrete wash water and **RUSSTECH RENU** must be thoroughly mixed with a circulating pump before incorporating treated wash water into concrete mix
5. Incorporate 50%-90% of the stabilized wash water for use as batch water

Contact your local **RUSSTECH** technical service representative for recommended dosages and for assistance when using this product to stabilize concrete wash water.



RusTech Inc.

“We Add The Difference”