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Good afternoon,

Further to our email conversations I would like to give you a little more information on the treatment process on washing and drying.

Once the carpet (artificial turf) has arrived on site and allocated a storage bay, each roll is fed into the washer/beater and washed using built in water jets to extract all infill (sand and rubber) out of the carpet.

The cleaned carpet exits the beater/washer rolled up ready for shredding.

The infill is carried by water to a settling tank which is transferred to a sealed IBC.

The IBC with the mixed sand and rubber is then emptied into a hopper attached to a trommel/separator this acts like a large washing machine to separate the sand from the rubber. The sand sinks and the rubber floats. The water used in this process enables the rubber to be sent into a separate IBC and the sand into a separate IBC ready for drying.

The water used in the above processes is recirculated back to reuse, which is changed once a fortnight.

Rainwater is also caught in IBCs around the site from guttering from buildings. This is used in the machines as to minimise the use of water from the mains.

The water in the sand is drained off over a few days into the bunded tank under the trommel and then stored inside the building to be processed through the sieve to be graded and then bagged to be resold for new sports surfaces.

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The rubber is collected in a sealed IBC and sold to be reused on new sports surfaces.

Each machine has a bunded tray underneath to catch any water, sand or rubber these are emptied and will be cleaned regularly by a certified company as and when needed. Any excess sand or rubber now is transferred to a lidded skip and removed from site using the WTN system until we get a contract in place.

Kind regards
Andrew Simpson
Director