

Saint Gobain Construction Products (Ireland) Ltd. assesses water use efficiency and track water usage using Key Performance Indicators (KPIs).

Water Usage Efficiency

Water Efficiency is a measure of how much water is used for every tonne of plaster product and for every square meter of plasterboard.

Direct vs. Indirect Water Usage

Direct Water Usage is a measure of how much water is used directly in the product i.e. water that is added in production

Indirect water use on site is from wheel washers, bowing, washing down plant and equipment.

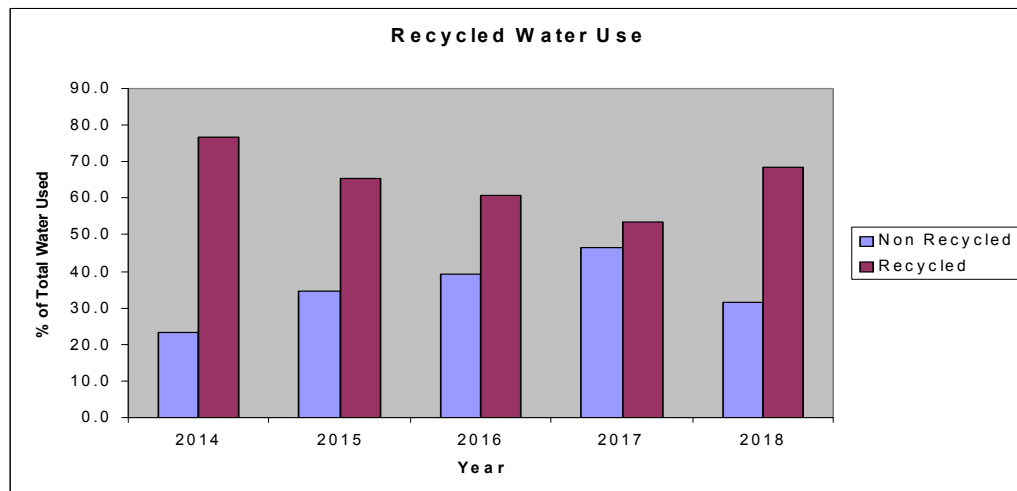
Why do we need to be Water Efficient?

Economic benefits - water costs money

Environmental benefits – use less natural resource

How does Saint Gobain (Ireland) perform?

68.5 % of all water used at the gypsum processing and manufacturing facility in 2018 was recirculated rainwater that fell on the site (stormwater). During dry weather other sources of water must be used in production.



How are SGCPI Water Efficient?

- Recycled rainwater from settling lagoons on site is used in plasterboard production.
- Low volume/High Pressure washers for washing & cleaning yards
- Use recycled stormwater for wheel washers
- Use of water reducing agents in production.

Other Potential Water Savings:

- Pressure taps in bathrooms and toilets
- Leak detection and repair
- Extended water metering

A water efficiency audit was undertaken by Saint Gobain in 2018 resulting in increased water efficiency versus production rates.