

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.

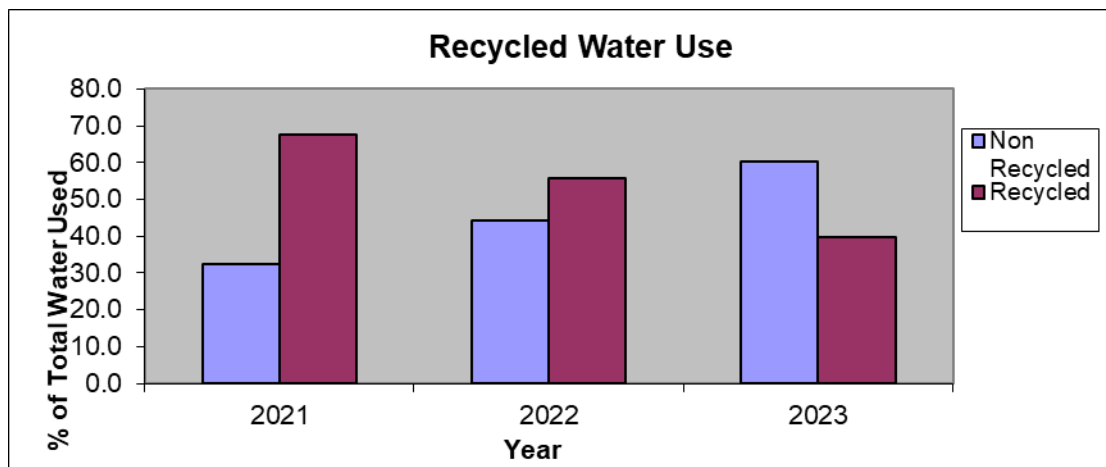
Why do we need to be Water Efficient?

Economic benefits - water costs money

Environmental benefits – use less natural resource.

How does Saint Gobain (Ireland) perform?

40 % of all water used in 2023 was recirculated rainwater that fell on the site in Kingscourt (stormwater). A program of increased water metering on site in 2023 has improved the generation of water usage data.



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
- On going review of water use and implementation of water saving projects

Other Potential Water Savings:

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

In 2023, increased water metering on site was reflected by increased water volume usage detected. The water usage for 2023 also includes water from the gypsum mine and quarry that was transported for use in production to the Saint Gobain manufacturing facility in Kingscourt.

From 2019 to 2022 production have reduced their average water gauge usage by 15%. The target is to reduce by a further 10% by 2027.