A brief introduction

- 65 years old Bathroom solutions Brand.
- 7 state of the art factories in India.
- Enjoy Leadership position in both retail and Projects segments.
- Offer complete bathroom solutions under one roof.
Sustainability

A big problem

Water is the big global problem of the 21st Century.

13% of the world’s population has no access to enough food due to persistent lack of water.

Millions OF people lack access to an adequate water supply and lack access to a basic sanitation system.
Why water saving?

1. **Water is limited.**
   - It’s a finite product which value will only increase. Water is expected to replace oil as this century’s dominating factor in (international) politics and economics.

2. **Water saving is an environmental issue**
   - Population growth
   - Climate change
   - Changes in the way we live (more water demand)

3. **Water conservation is a Business opportunity**
   - For more efficient new products
Sustainability

Sustainable development.  Leadership = Responsibility

Action areas

1. Innovative products for Lesser water consumption
2. Sustainable manufacturing processes
3. Awareness on sustainability
Action areas

1. Innovative products for Lesser water consumption
Innovation & Water_saving

Sustainability

Olden days 1950         1987          2006         2016          Niagra WC

WC 4/2 ltr/        water efficient

Sustainability

15 litres

WC 6/3 water efficient

WC 4.5 L/3 Ltr water efficient

Niagra WC
Slimline ...... Undisputed Market leader in polymer cisterns.

Dual flush polymer flushing cistern 6/3 Ltr
Top 4 Reasons to Buy Green Faucets

1. **Eco Friendly**: Contribute to Environment by Saving Water

2. **GRIHA Certified**: Assured for all GRIHA Certified Buildings

3. **Customizable**: Customizable as per Water Flow Requirement

4. **Maintenance Free**: Pre Installed with Products
Go Green!

Technology that saves water

Flow Restrictors
This is a revolutionary technology that lets your taps and showers save up to 80% of water without compromising on the flow. Parryware Flow Restrictors adjust the flow in both low and high pressure conditions and offer the same voluminous flow every time.

Flow rate options available
2.5*, 3.8, 6.0, 8.0 LPM

Flow rate options available
3.8, 6.0, 8.0 LPM
Action area 2

Towards

Zero-Residue Plants
INPUT

Raw Material

Labor

Energy

OUTPUT

Products

Residues
Residues

What are Residues?

Residues are undesirable and disposable sub-products generated in our process.
For a production of ______ pieces/Year, 407 ton of residues are generated per year.

Note: Gas emission, Refractories, Sand from washing the clays, etc are considered in this project.
Residues

The average production of pieces generate:

- 1,52 kg of Broken pieces
- 1,0 kg of Mud
- 38,5 kg of water
- 1,4 kg of Plaster

Total: 42,4 kg
What is done?

Crockery  →  Raw material

The process:

Broken pieces of crockery are crushed and used as raw material in the manufacture of sanitary vitreous china.
The residue is separated from the water in the treatment plant and used as a raw material in the composition of sanitary mass.
The process:

The plaster molds that were used in the casting process are sold to a CEMENT manufacturer who uses these in their production process.
Action areas

3. Creative awareness among people ....
Nukkad Natak on World Toilet day to create awareness
Sustainability

2. Sustainable manufacturing processes

Eco Roca is a comprehensive project that aims to integrate our global vision and respect for the environment into all our production processes.

2 objectives

Energy efficiency

The goal is to cut energy (electricity and gas) consumption per product unit manufactured. This results in a reduction in CO₂ emissions at the group’s production plants.

Using this plan we have been able to cut gas consumption by more than 14% and electricity consumption by more than 5%.

Zero Waste

The objective is to reuse 100% of raw materials, thereby securing a reduction in our environmental footprint.

Currently, 76% of the overall Zero Waste Plan has been achieved.

16 out of 78 plants are 100% Zero Waste plants already