

Use of Ceramic and Glass Waste in the Public Area and Başıskele Municipality Zero Waste Park

Assoc.Prof.Dr.Nermin Demirkol

Kocaeli University, Faculty of Fine Arts, Ceramics Department, İzmit, Kocaeli, Turkey

*nermin.demirkol@kocaeli.edu.tr

The development of technology increases the number of people, urbanization, industrialization, rapidly increasing consumption and waste amounts all over the world. Reuse of waste is important in terms of recycling waste, preventing waste, protecting the environment and saving energy.

In addition to seeing the recycling or reuse of wastes widely in the scientific and technological field, we encounter them more often in architecture. Ceramics, bricks, tiles, glass bottles, various pieces of broken glass from the construction sites are the types of waste commonly used in architecture.

The use of waste materials in architecture has become widespread in the world and in our country. Applications made by using ceramic and glass waste in areas such as subways, parks, streets and under bridges began to increase.

In this study, the Zero Waste Theme Park where Başıskele Mayor M. Yasin Özlü broke new ground in Turkey, turned factory and company wastes into works of art. In the park, where Nermin Demirkol is the Project consultant, factory and company wastes are used intensively and with this feature, Başıskele Municipality Zero Waste Park is the first in Turkey.

The wastes of Akcoat, Kütahya Porcelain, Uludağ, Koçtaş, Exitcom Recycling, Korkmaz Kitchenware, Uşak Ceramic and Yollas which are among the leading and world-renowned factories and companies in our country turned into Works of art in this park for the first time. There are ceramic, glass, plastic, metal, wood and tire selections, each of which is hexagonal, and the park covers a total area of 2900 square meters.

There is another section where everyone between the ages of 7 and 70 will have a pleasant time doing workshops and gain zero waste awareness.