

# Reduction of the Amount of Water Used / Prevention of Pollution



## → Policy on reduction of the amount of water used

Recognizing the finite nature of water resources and the risk that water shortages pose to our business, we will strive to reduce the amount of water used throughout our supply chain.

## → Policy on prevention of pollution

Recognizing the risk that air and water pollution poses to our business, we will safely manage chemical substances potentially hazardous to the environment throughout our supply chain.

### Manufacturing carpets and rugs using a waterless coloring process

SIAM NITORI, our own factory in Thailand, is working to reduce the amount of water it uses, which is a finite resource, and to prevent pollution in the carpet and rug coloring process. Generally, large amounts of water and heat are used in the dyeing process. In addition, subsequent effluent processing is essential. On the other hand, SIAM NITORI colors carpets and rugs by kneading pigments directly into recycled raw materials (polyethylene terephthalate (PET) chips). Therefore, no water is used in the coloring process, and there is no need for effluent processing after coloring. In recognition of this environmentally friendly manufacturing, SIAM NITORI was selected as the first Green Label company by the Tourism Association of Thailand.

Polyethylene terephthalate (PET) chips



Plastic bottles



Pigments



PET chips made from crushed plastic bottles are mixed with pigments and dissolved for coloring (no water used, no effluent generated)



Colored raw materials are flocculated and made into threads and processed into carpets and rugs