

“Neo Series”, the pervious paving bricks made with recycled waste materials

Our "Neo Series" recycled bricks were developed inspired by the initiatives of Kitakyushu City where our headquarters are located. These pavers are made from waste including refractory brick scraps from materials gathered at our own and/or other factories as well as urban waste. The Neo Series boasts a recycling rate of up to 85%. Since 2004, The Neo series has been delivered to regions from Kyushu to Kanto area.

The "Neo Series" has obtained various recycling certifications, including the Eco Mark.

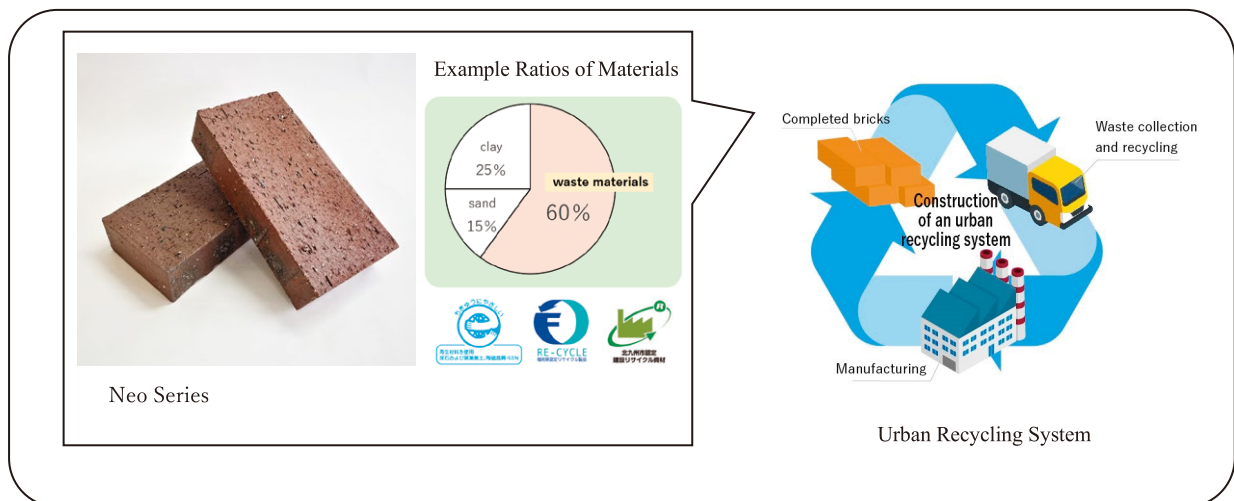


Fig. 1 Recycled bricks "Neo Series".

The "Neo Series" comes in two types: pervious bricks and non-pervious bricks. This allows for flexibility in usage based on the specific requirements of the laying site. For road construction projects where sloping gradients for drainage cannot be applied, pervious bricks are used.

The pervious bricks are designed with approximately 40 penetration holes to ensure long-term permeability while minimizing the risk of clogging. These penetration holes are engineered in a way that they are hardly visible from the surface, preserving the aesthetic appearance of the pavement.



Fig. 2 Cross section of pervious bricks.

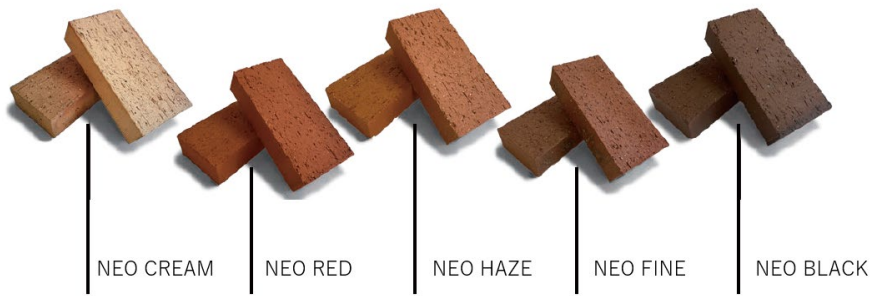


Fig. 3 Example Neo Series Products

Additionally, we offer customized solutions within the "Neo Series" for utilizing surplus soil and waste materials generated at construction sites, in accordance with your specific requirements. By transforming waste materials generated on-site into recycled products and returning them to their original location, we aim to foster a deeper sense of attachment to our recycled bricks within the local community. This reflects our commitment to coexistence with the community while contributing to sustainability.

Example Recycled Material Applications

<p>■Neo Series</p> <ul style="list-style-type: none"> ▪ Clay refractory bricks ▪ Brick cutting waste  <p>Kokurakita Ward, Kitakyushu Daimon-Kimachi Route</p>	<p>■Derivative product Neo Series GAKUTO®</p> <ul style="list-style-type: none"> ▪ Construction waste  <p>Wakamatsu Ward, Kitakyushu Academic and Research City</p>	<p>■Derivative product Neo Series SANKAIBISHI®</p> <ul style="list-style-type: none"> ▪ Kokura Castle Tiles  <p>Kokurakita Ward, Kitakyushu Daimon-Kimachi Route</p>
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Our company is continuously developing recycled bricks and pavement materials tailored to our customers' needs, including larger-sized flat blocks and thin-layer-colored pavements, in addition to the "Neo Series." We are committed to contributing to the Sustainable Development Goals (SDGs) through this business and will continue our efforts in that direction in the future.



**Pavers with waste tiles from Kokura Castle
Krosaki LS Pavers: Tiles (Kawara)**