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SINCE 1911

ReClay EcoBlend
Sustainable brickwork

ReClay EcoBlend is a series of bricks where we combine recycled bricks with our most sustainable newly produced bricks. The blend consists of 50% recycled bricks and 50% new bricks, resulting in a unique, rustic appearance – as well as a low CO2 footprint. The interplay between recycled and new bricks creates rich variation in the finished brickwork. The recycled bricks come from demolished brickwork, and the environmental impact of using these is therefore minimal..

The new bricks mixed in are from the ReClay series. In these bricks, we use up to 30% crushed clay in the clay mixture. This way, we reduce the environmental impact of extracting new raw materials, and we responsibly recycle building materials made of clay. This is one of our initiatives in our efforts to make clay as circular and sustainable as possible.

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ReClay EcoBlend Colours

The ReClay EcoBlend mixture consists of 50% recycled bricks and 50% new bricks, resulting in a unique, rustic appearance – as well as a low CO2 footprint. The combination of recycled and new bricks creates rich variation in the finished brickwork. The new bricks mixed in are from the ReClay series. In these bricks, we use up to 30% crushed clay in the clay mixture. The recycled bricks are available in yellow or red blends from standard sorting or from buildings with a known origin.

Recycled bricks are unique products and provide an exciting visual expression when mixed with the new rustic bricks. They have a patina in the form of external physical effects from the demolition and cleaning process, and there may also be traces of paint, plaster, and lime on the delivered bricks. There may also be remnants of rubber sealant on the facade sides of some bricks. During construction, the side with the rubber sealant can be turned inward toward the cavity wall, and in single-brick walls, these bricks can be discarded as part of the calculated waste.

RT247 ReClay EcoBlend #1

RT248 ReClay EcoBlend #2

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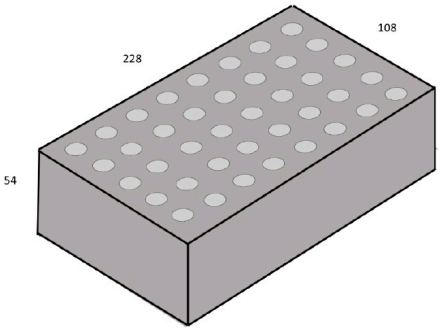
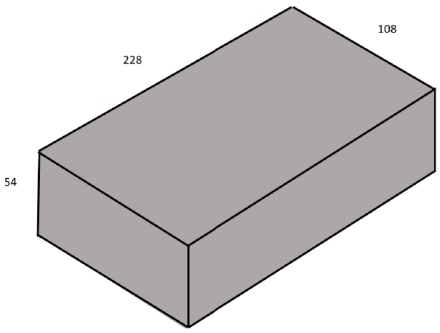
ReClay EcoBlend - Technical Data
Brick Dimensions (Stretcher)

Stretcher	
Usage per m^2	63 pcs
Average weight per piece	2,3 kg
Average weight per m^2	145 kg
Number of pieces per pallet	80/320 pcs
Approximate weight per pallet	735 kg

Dimensions		Tolerances
Height	54 mm	+/- 15 mm
Lenght	228 mm	+/- 15 mm
Width	108 mm	+/- 15 mm

It is recommended to account for 5% waste when calculating the number of bricks for the given project





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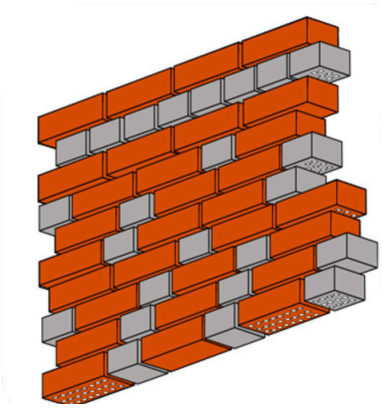

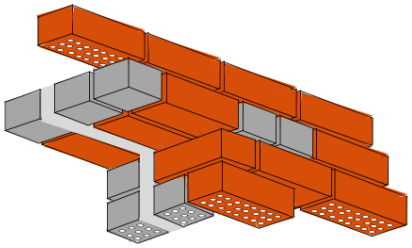

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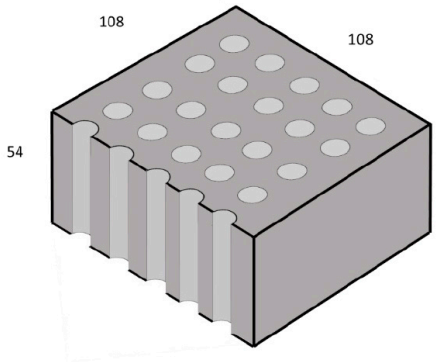
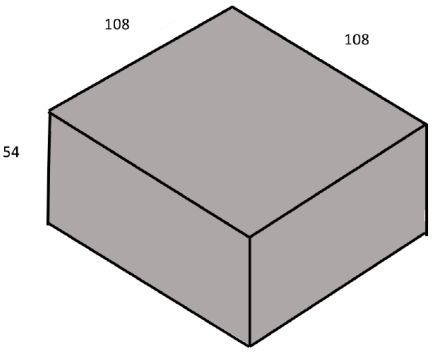
ReClay EcoBlend - Technical Data
Brick Dimensions (Header)

Header	
Usage per m^2	126 pcs
Average weight per piece	1,1 kg
Average weight per m^2	139 kg
Number of pieces per pallet	160/640 pcs
Approximate weigt per pallet	725 kg

Dimensions		Tolerances
Højde	54 mm	+/- 15 mm
Længde	108 mm	+/- 15 mm
Bredde	108 mm	+/- 15 mm

It is recommended to account for 5% waste when calculating the number of bricks for the given project





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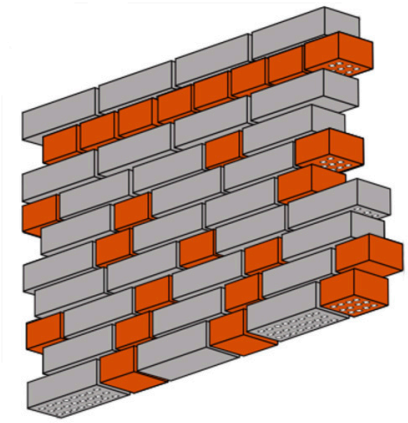

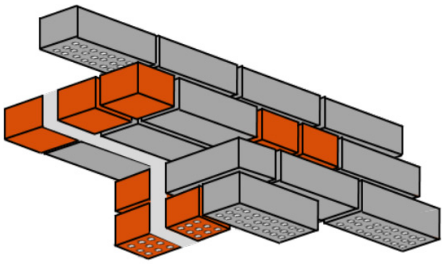

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ReClay EcoBlend Installation Instructions

To ensure a homogeneous appearance in the finished brickwork, it is recommended to use bricks from several pallets simultaneously during the masonry process. In general, a 5% waste factor should be accounted for when calculating the number of bricks for the given project.

It is generally recommended to use recycled bricks in moderate environments – MX class 3.1. If recycled bricks are used in buildings with higher MX classes, an increased risk of frost damage or salt weathering must be accepted. In more aggressive environments, it is not recommended to use recessed joints.

Recycled bricks are a mixture of perforated and solid bricks from various demolitions, and variations in absorption rates between bricks should be expected. We always mix bricks from at least 3 different buildings, ensuring that high and low absorption bricks balance each other out. Based on this, it is generally recommended to use a mortar type suitable for medium-absorbing bricks.

For non-load-bearing walls, it is recommended to use lime-hydraulic mortar (KKh). Please note that lime mortar is not suitable for masonry during the winter period unless special precautions are taken, such as covering the brickwork. Always consult your mortar supplier for recommendations on the choice of mortar.

Post-Treatment:
It is recommended not to use acid treatments on the finished brickwork, as this can alter the appearance of the bricks and remove their patina. Excess residue should be swept off with a damp lime brush, and the brickwork should be washed with clean water as needed.

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ReClay EcoBlend Maintenance

Brickwork typically requires minimal maintenance. ReClay EcoBlend is a series of bricks where we combine recycled bricks with our most sustainable newly produced bricks. The blend consists of 50% recycled bricks and 50% new bricks. Due to the origin of the recycled bricks, some bricks may require replacement. Inspections should be carried out visually at 1-year intervals, and any damage should be repaired in the affected area.

For internal surface protection, an environmentally friendly soap treatment, for example, can be used to protect against dirt and other elements.

Step-by-Step

1. **Cleaning:** Clean the bricks with a brush and water. Do not use high-pressure water or aggressive cleaning agents, as they may damage the surface.

2. **Inspection:** Regularly inspect the bricks for signs of damage, such as cracks and flaking.

3. **Repair:** Replace bricks or mortar if damage occurs to prevent water ingress.

Algae and moss:
When used outdoors, moss and algae can develop on shaded sides. Algae and moss thrive best in damp conditions. If you are unsure about the source of moisture, contact a professional. The choice of algae and moss removal product should be made in collaboration with the manufacturer and according to their instructions.

Only use algae and moss removal products that are designed for brick masonry. Always test the product in a non-visible area to ensure that the appearance of the bricks does not change and that their rustic look is preserved.

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