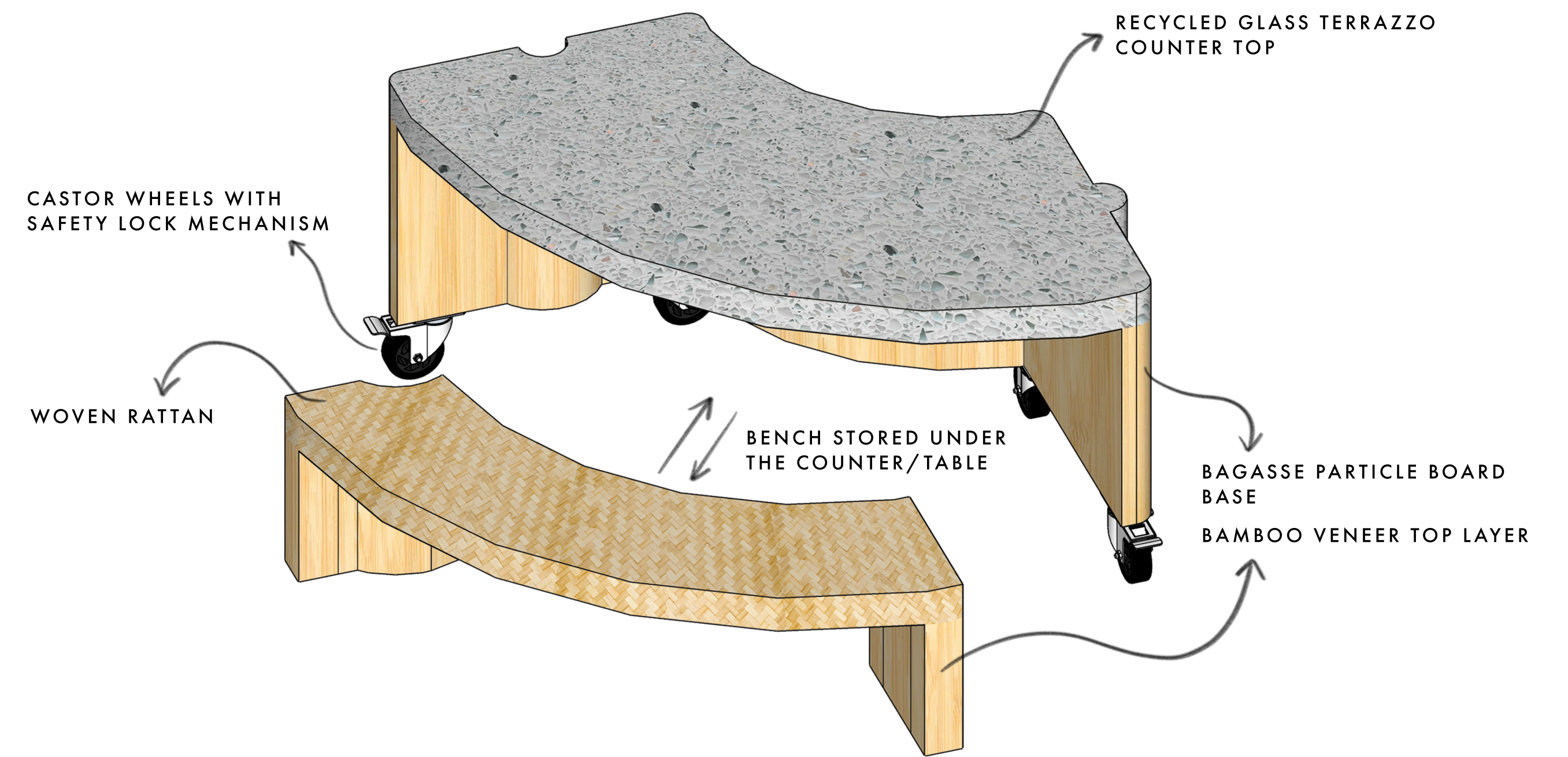
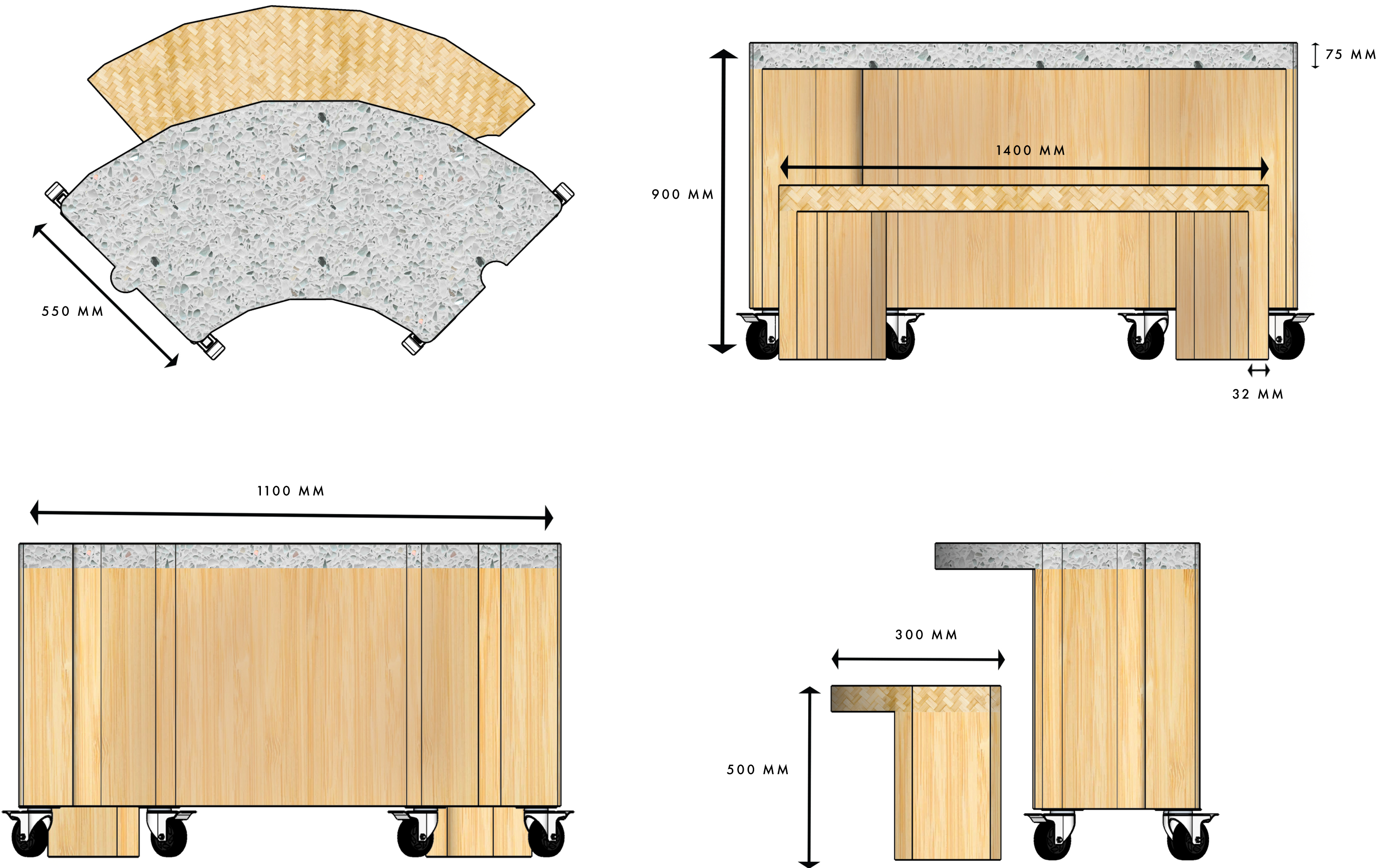


COUNTER TOP/TABLE MODULAR FURNITURE



ORTHOGRAPHIC PROJECTION

SCALE 1:10



LIST OF SPECIFICATIONS

PRODUCT:
COUNTER TOP/TABLE + BENCH PART OF A MODULAR SET OF FURNITURE.

SPECIFICATION CATEGORY	DETAILS		
FUNCTION	<p>This piece of furniture is part of a larger modular set which is used in my eatery for food preparation and cooking. This one specifically is a counter top/table where users prepare the food and where they also eat at.</p> <p>It has castor wheels making it moveable and flexible. Its modular design allows users to create a range of layouts complementing it with other pieces such as the sink, the stove and the preparation table.</p>		
MATERIALS AND SUSTAINABILITY	<p>1. Recycled Glass Terrazzo for the counter top</p> <p>This is an eco-friendly material which uses up to 80% recycled content. Mauritius recycles glass bottles and objects and therefore could incorporate pieces of glass in the terrazzo mix.</p> <p>2. Bagasse particle board for the base</p> <p>Bagasse is the fibrous waste produced by sugarcanes after the juice has been extracted. But it can have various purposes including as a substitute for wood in particle boards that are light and low cost.</p> <p>Bagasse can be found abundantly locally as Mauritius cultivates sugarcane which currently represents 85% of the arable land.</p> <p>3. Bamboo veneer as a top layer to the base</p> <p>Bamboo is another material locally found in forests here and its stem can be used to make a variety of furniture. Bamboo veneer gives a glossy finish which is why it is being used to cover the bagasse particle board. Bamboo in itself is a very sustainable material and making bamboo veneer is also CO2 neutral.</p> <p>4. Woven Rattan</p> <p>Woven rattan is a popular material in Mauritius to make artisanal products such as baskets and chairs. It is eco-friendly and cheap. Many locals know how to weave it and offer workshops to teach others how to make unique products.</p> <p>The materials I use for my furniture set are sustainable and locally sourced. This is in line with my narrative which is about living and promoting a healthier, more sustainable lifestyle which does not succumb to globalization.</p>		
COST	<p>Using locally sourced materials makes them cheaper than imported materials. The labour will also be less expensive.</p> <p>Bagasse boards come to less than £ 5/sheet for a size of 1220mm x 2440 mm.</p> <p>The recycled terrazzo counters cost around £ 6.5 per meter square</p> <p>Bamboo veneer sheets of size 2500 mm x 430 mm cost approximately £3</p>		
PROCUREMENT	<p>All the materials are locally sourced either from local businesses who specialize in selling these materials or can be handmade such as the woven rattan for the bench.</p> <p>Dealing with local suppliers who make these materials themselves without having to export them reduces the carbon footprint significantly.</p> <p>Purchasing locally also helps the economy.</p>		
AESTHETICS	<p>The bamboo veneer has its natural beauty and the colour is a pale yellow with grains on the surface. The finish is glossy and neat.</p> <p>Terrazzo appears like granite almost and has a unique quality as you can see the pieces of recycled glass in the mix. This adds to the fact that the material is very eco-friendly and is constructed out of natural elements. The finish is very elegant and glossy.</p> <p>Woven rattan in itself is a quite primitive material but the finish is rustic and very natural.e</p>		
MAINTENANCE REQUIREMENTS	<p>Bamboo veneer surfaces can be cleaned with a cloth and some soap and water.</p> <p>The terrazzo counter is waterproof and therefore resistant to any water or food which might be in contact with it. Wipe it and disinfect after cooking using a cloth and soap.</p> <p>The rattan bench can be cleaned by wiping it with a cloth with very little water and detergent. Using too much water may over-wet the rattan which may cause damage. A toothbrush can be used to clean the cracks and crevices.</p>		
MATERIAL PROPERTIES	<p>Terrazzo:</p> <ul style="list-style-type: none">DurableLow Maintenance and Low CostsSustainabilityBacteria ResistantSlip Resistant	<p>Bagasse particle board:</p> <ul style="list-style-type: none">LightweightDurableToughSustainableLow maintenance	<p>Bamboo Veneer:</p> <ul style="list-style-type: none">High Compressive StrengthLightweightSustainableDurableLow maintenance