

Simple Road with Kanacrete Slabs

for Emergency Measures Against Disasters



Basic size: 900 × 1800 (mm) Maximum size: 2,000 × 2,000 (mm) Thickness: 130 mm Standard

Weight
per square
Meter

Laid iron plate
172kg

Kanacrete slab

140kg

Reducing the weight by 22% has
increased the loading efficiency by 22%

No need to level the ground. All you have to do is to put them on the ground.



What is Kanacrete ?



- Kanacrete is lightweight and high-strength **concrete reinforced with high-strength fiber** developed by our company on its own.
- This concrete has been proven **not to neutralize (occurs when carbon dioxide in the atmosphere penetrates concrete and causes a carbonation reaction) for more than 100 years.** (The result of an accelerated carbonation test was neutralization of 0 mm in 52 weeks.)

* Tested by the Japan Testing Center for Construction Materials in accordance with JIS A 1153.



Features of a simple road made with Kanacrete slabs



- The slabs can be used on soft ground and muddy ground for emergency disaster countermeasures.
- With the emphasis on urgency, no need to level the ground (spread crushed stones) even on soft ground.
Precast product that can be placed directly on the ground.
- Vehicles can pass through the road immediately after the slabs are placed.
- All you have to do is to remove the floor slabs after you have used them.

The construction speed is 1.8 to 2.2 times faster than laying and removing conventional iron plates.

This product can significantly reduce fixed expenses such as lease costs!!

Procedure for Constructing Simple Road with Kanacrete Slabs

Preparatory work
(Check the ground condition, etc.)



Ground leveling



Place Kanacrete slabs on the ground



8.57t military Vehicles can go on it

Joint work



The thickness can be changed according to the design load !!

Total vehicle load	Floor slab thickness	Remarks
14 t	10 cm	Ordinary truck
25 t	15 cm	Weight truck
70 t	25 cm	Caterpillar vehicle

Note) • It is possible to design by increasing the thickness of the floor Slabs.

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