

GREEN INTEGRATED BASE STABILISER SDN BHD

Our vision is to be recognized as pavement-stabilizer materials manufacturer in promoting efficient use of eco-friendly processed materials, GREEN THE FUTURE.



GIBS Overview

Green Integrated Base Stabiliser Sdn. Bhd. (GIBS) is a Malaysian incorporated company specializing in manufacturing a wide range of quality improver binder material for subgrade soil stabilization product. This quality improver binder contains eco-friendly materials for construction of long-lasting and durable performance pavement that varies from muddy road, heavy traffic highway, to heavy loaded transportation hub. The utilization of eco-friendly material offers environmental advantages toward conservation of natural resources.

Soil Stabilization Product : Binder Fill (BF)

Packaging

Binder Fill product is delivered in jumbo bag or bulk tanker.

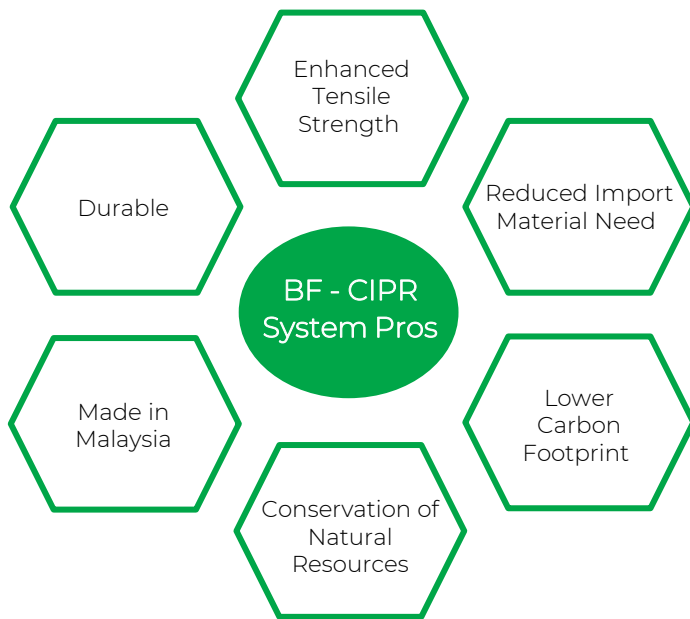


Jumbo Bag



Bulk Tanker

Why Choose Us?



JKR Road Material Approved List (RMAL)

Keterangan Barangan	Binder Fill
Nama Syarikat	Green Integrated Base Stabiliser Sdn Bhd
Alamat	A-1-3A, Pusat Perdagangan Kuchai, No.2, Jalan 1/127, Off Jalan Kuchai Lama, 58200, Kuala Lumpur, Malaysia
No Telefon	018-2304975
Jenama	Green IBS
No Laporan	028/2021
Catatan	Keputusan Mesyuarat Jawatankuasa Bersama (JKR-LLM) Kelulusan Produk Bagi Kerja-kerja Jalan Bil 1/2022 Bertarikh 15 April 2022 Adalah Lulus
Negara	Malaysia

Approved Eco-friendly Material with Low Carbon Footprint

Embodied CO ₂ of cement, additions and cementitious material		
Cement, additions and cementitious material		Embodied CO ₂ kg CO ₂ / tonne
Portland Cement, CEM I		930
Additional or cement constituent	Coal Fly Ash	4

Remark: This information has been supplied by the following association and their members.
 BCA British Cement Association, www.cementindustry.co.uk
 UKQAA UK Quality Ash Association, www.ukqaa.org.uk
 CSMA Cementitious Slag Makers Association, www.ukcsma.co.uk

The substitution for the additions shall be more than 25% by total weight of binder with materials such as:

- Ground granulated blast-furnace slag;
- Silica fume;
- Burnt shale;
- Fly ash; and
- Pozzolan.



The substitution for the fine aggregate shall be more than 30% by total weight of fine aggregate with materials such as:

- Quarry dust;
- Recycled aggregates;
- Electric arc slag; and
- Coal bottom ash.



Specifications

Specification	Minimum Requirement	Standard
California Bearing Ratio (CBR)	≥ 80%	JKR/SPJ/2008-S4 JKR 20403 000 07
	≥ 80%	JKR21300-0025-12
	≥ 80%	ATJ 5/85 (Pindaan 2013)
	≥ 12% (paved road)	JKR/SPJ/2018-S18 JKR 20400-0219-19 (Soil Stabilisation)
	≥ 80% (unpaved road)	
Unconfined Compressive Strength (UCS)	2-5 Mpa	JKR/SPJ/2008-S4 JKR 20403 000 07
	≥ 0.8 Mpa	JKR21300-0025-12
	2-5 Mpa	ATJ 5/85 (Pindaan 2013)
	≥ 0.3 Mpa (paved road)	JKR/SPJ/2018-S18 JKR 20400-0219-19 (Soil Stabilisation)
	≥ 0.8 Mpa (unpaved road)	
Indirect Tensile Test (ITS)	≥ 0.2 Mpa	JKR/SPJ/2008-S4 JKR 20403 000 07
	≥ 0.2 Mpa	ATJ 5/85 (Pindaan 2013)

Before



After



CONTACT :

Lim Si Kai +6 018-230 4975
Samuel Low +6 017-305 5573
Chong Wen Si +6 011-1132 1330

EMAIL :

general@greenibs.com.my

ADDRESS:

A-1-3A , Pusat Perdagangan Kuchai
No.2, Jalan 1/127, Off Jalan Kuchai Lama
58200 Kuala Lumpur.