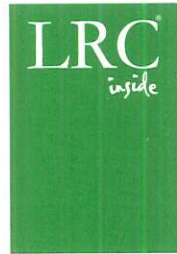




Build GREEN the future is NOW!

LRC[®]
inside



LRC TECHNOLOGY

LRC Inside represent revolutionary technology and processes that transform recycled material into green product for building construction. It is called Lightweight Reinforced Concrete (LRC). LRC has been widely applied for precast architectural elements such as window coping, cornices, wall panel and lightweight concrete block in Malaysia. The latest product produced via the LRC technology is the EKO-BLOCK & EKO-PANEL for IBS wall solution as well as Green Building Development.



CERTIFICATES & AWARDS WINNING



ECO-FRIENDLY PRODUCTS

Newspaper Waste



Polystyrene Waste



Coal Waste



Cellulose Fiber



Polystyrene Powder



Fly Ash



FEATURES



Green Product



Thermal
Insulation



Low Water
Absorption



4 Hours
Fire Rated



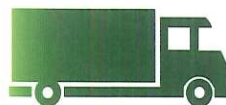
Lightweight



Cost Efficiency



Speedy Production
Cycle



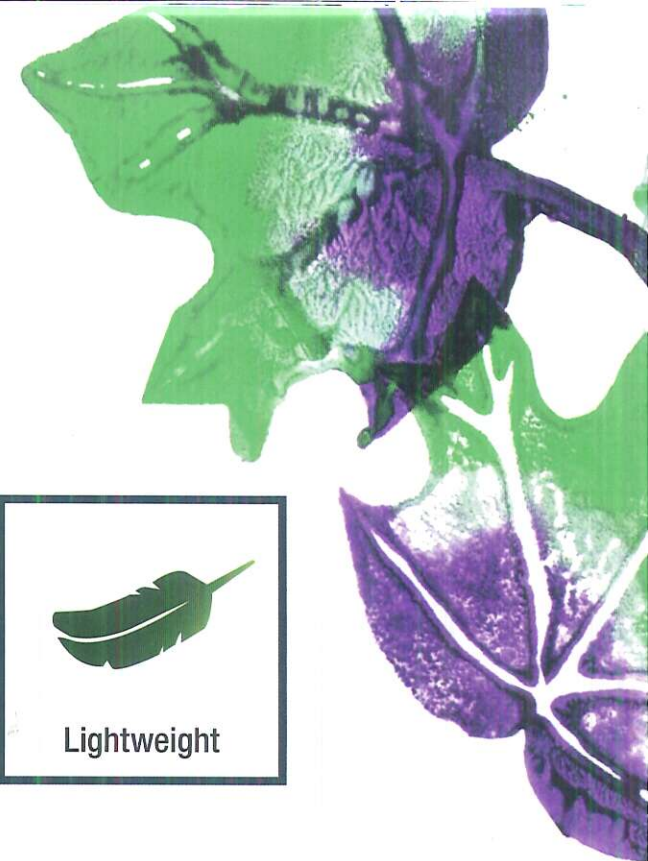
Reduce 50%
Transportation Cost



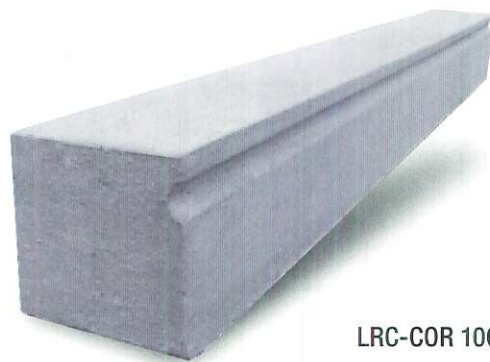
Easy
Installation



Strength & Safety



LRC COPING Sustainable Architectural Green Product

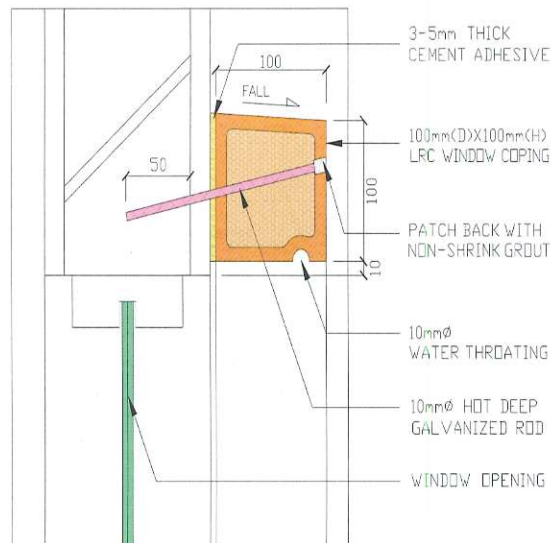


LRC-COR 1001



LRC-COR 1002

METHOD OF INSTALLATION



TYPICAL DETAIL

TYPICAL PROPERTIES

PROPERTY	VALUE
Dimension	100x100x1000mm
Shear Strength	1.5 - 2.5 Mpa
Compressive Strength	8 - 10 Mpa
Impact Strength	5 - 10 kj/m ²
Elastic Modules	10 - 20 Gpa
Dry Density	1300 - 1500kg/m ³
Fire Resistance	3 hours
Water Absorption	0.002ml/m ² /sec
M.O.R	15 Mpa
Freeze Thaw (50 cycles)	No decterioration

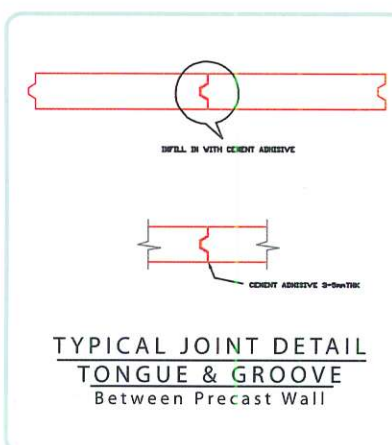
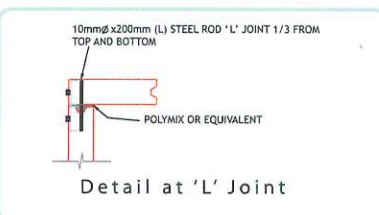
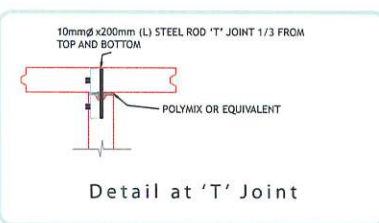
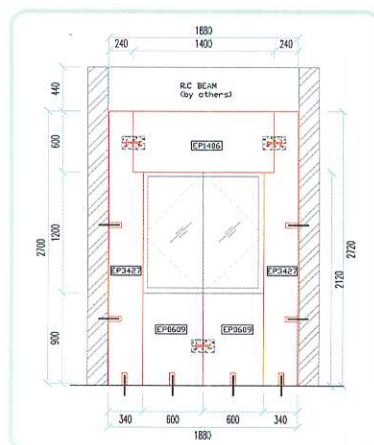
LRC EKO-PANEL Sustainable Wall Solution IBS Product



TYPICAL PROPERTIES

PROPERTY	VALUE
Dimension	100x600x3000mm 125x600x3000mm
Lengths tolerance	+ / - 5mm
Width tolerance	+ / - 2mm
Diagonal Strength	+ / - 2mm
Weight	-100mm thick + / - kg/m2 -125mm thick + / - kg/m2
Dry Density	1000 - 1200kg
Compressive Strength	5 Mpa
Thermal Resistance (m2) BS 874: Part 2: 1986	0.28 m ² K / w
Resistance to continuous heating	70°C
Surface Alkalinity	pH 7 - 10
Fire rated partition	130 minutes BS 476: Part 22
Water Absorption	<10% Test of 24 hours
Installation Speed	30 m ² / day
Anchorage load	100 kg
Sound Insulation	
- 100mm thick	40 dB
- 125mm thick	45 dB

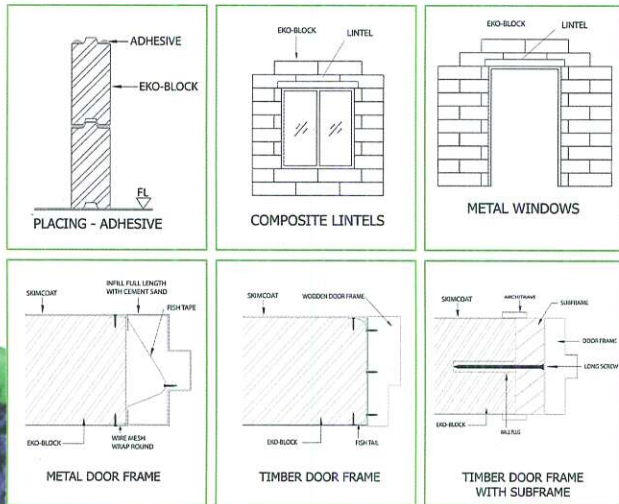
METHOD OF INSTALLATION



LRC EkoBlock Wall Solution IBS Product

- For external & internal wall
- Clean, neat & safety at site
- Low wastage
- Fast & easy installation
- Speedy construction
- Finishing in skim coat and cement render
- Excellent sound & thermal insulation
- Extremely fire resistant
- Low water absorption
- Cost saving

METHOD OF INSTALLATION

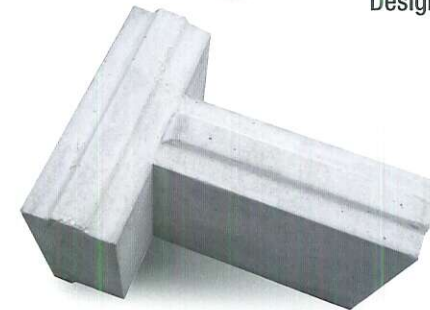


TYPICAL PROPERTIES

PROPERTY	VALUE
Dimension	100x208x600mm 125x208x600mm
Bending	2 -4 Mpa
Shear Strength	1.5 - 2.5 Mpa
Compressive Strength	3 - 5 Mpa
Impact Strength	5 - 10 kj/m ²
Elastic Modules	10 - 20 Gpa
Thermal Resistance(m ²)	0.3m ² K/W
Dry Density	900 - 1000kg/m ³
Weight	11.5kg - 12.5kg
Fire Resistance	100mm - 2 hours 125mm - 4 hours
Water Absorption	31.1 g/m ² sec ^{0.5}
Freeze Thaw (50 cycles)	No deterioration



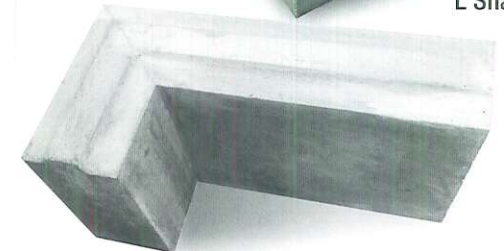
Tongue & Groove Design Block



T Shape Block



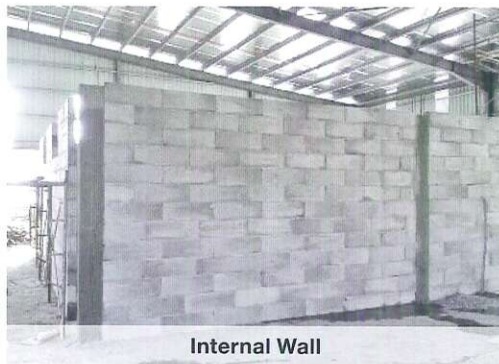
L Shape Block





UTILIZATION

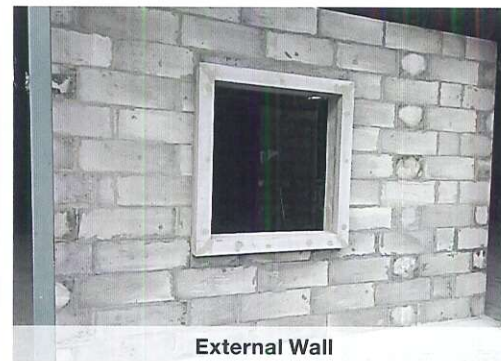
External, Internal & Wet Area Wall



Internal Wall



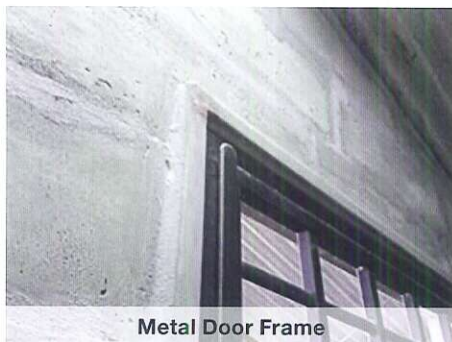
Bathroom



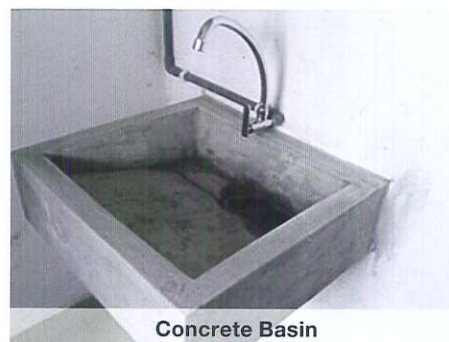
External Wall



Conceal Wiring



Metal Door Frame



Concrete Basin



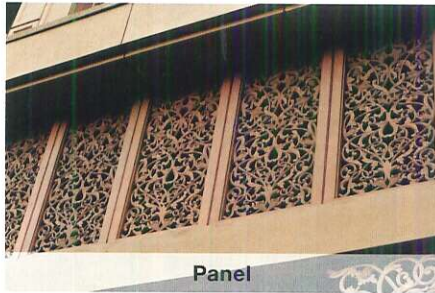
DB Box



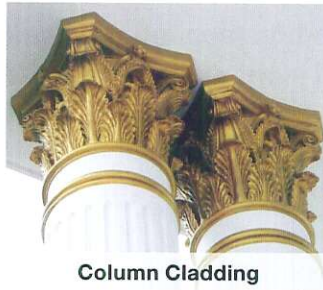
Compressor Bracket

LRC PRODUCTS RANGE Sustainable Architectural Green Product

DECORATIVE



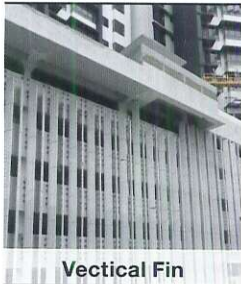
Panel



Column Cladding



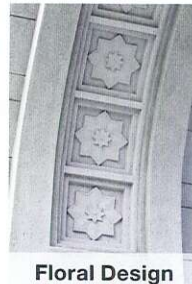
Planter



Vertical Fin



Balustrade



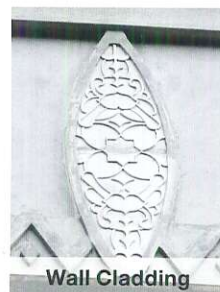
Floral Design



Sculpture



Gazebo



Wall Cladding



Architectural Design

OTHERS PRODUCT



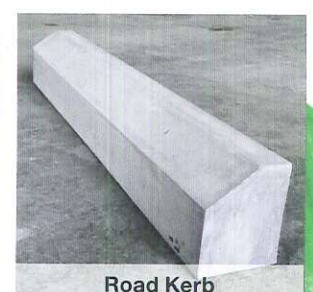
Wheel Stopper



Trench Cover



Drain Cover



Road Kerb

COMPLETED PROJECTS



Eco Majestic Bridge



Istana Negara



Sunway Lagoon & Resort Hotel



Masjid Istana Alam Shah



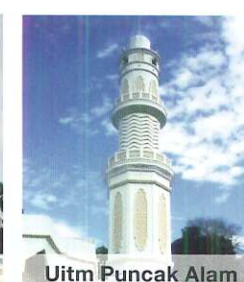
Istana Putrajaya



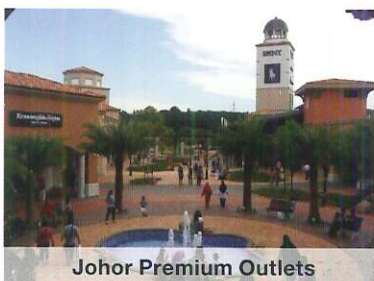
Istana Anak Bukit



Tanjong Pagar Istana Alam Shah



Uitm Puncak Alam



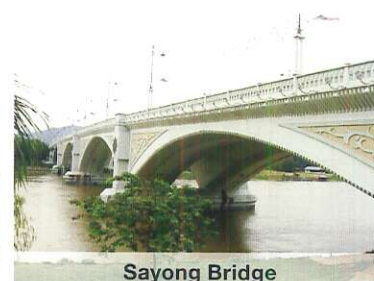
Johor Premium Outlets



Sprintz Hotel



Arkib Negara



Sayong Bridge



Segi College



Bungalow Unit



Taiping Polis Headquarter



USJ 19 Condominium



SP Setia HQ



Matrix International School



Factory

CSL TECHNOLOGIES (M) SDN BHD (429166-A)

Lot 7705, Jalan Kuari Sungai Long,
43100 Hulu Langat,
Selangor Darul Ehsan,
Malaysia.

Tel 012 -657 0113

Email lrcinside@lrc.com.my
marketing@lrc.com.my

WWW.LRC.COM.MY

 www.facebook.com/lrcinside

